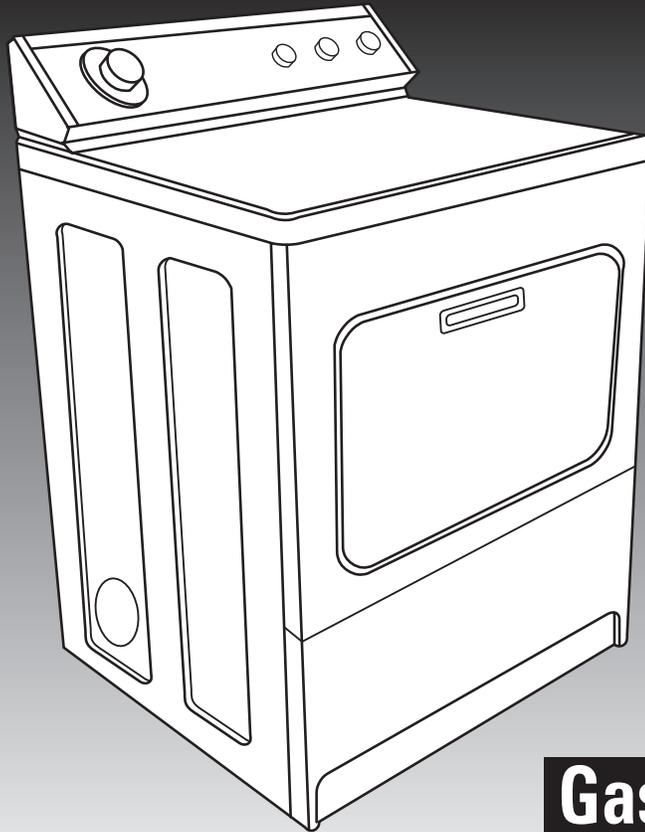


Installations Instructions



for model:
3RLGR5437

Gas Dryer

**Set to operate on NATURAL GAS.
Part No. 8528096**

IMPORTANT:

Read and save these instructions.

Installer: Leave Installation Instructions with the homeowner.

Homeowner: Keep Installation Instructions for future reference.

For best performance, install dryer according to Installation Instructions. Failure to complete installation as instructed could void warranty.

Save Installation Instructions for local inspector's use.

Introduction

Set to operate on NATURAL GAS (see Technical Specification). For L.P. gas conversion (butane or propane), see "Gas supply" section. Before installation, check that the local distribution conditions, nature of gas and pressure, and the adjustment of the appliance are compatible. If in doubt, then installer must contact the gas supplier.

This appliance must be installed in accordance with the rules in force, and used only in a sufficiently ventilated space. Consult instructions before installation and use of this appliance.

Installation, service or conversion for use on other gas supplies must be done by a competent installer, service agency or the gas supplier.

Have questions about your dryer?

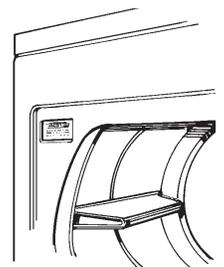
Call your dealer or local authorized service company.

When you call, you will need the dryer model number and serial number. Both numbers are on the model/serial rating plate located in the door well behind the dryer door and on front of opening.

Record the numbers here for handy reference:

Model No. _____

Serial No. _____



Before you start...

Your safety and the safety of others are very important.

We have provided many important safety messages in this manual and on your appliance. Always read and obey all safety messages.



This is the safety alert symbol.

This symbol alerts you to potential hazards that can kill or hurt you and others.

All safety messages will follow the safety alert symbol and either the word "DANGER" or "WARNING".

These words mean:

DANGER

You can be killed or seriously injured if you don't immediately follow instructions.

WARNING

You can be killed or seriously injured if you don't follow instructions.

All safety messages will tell you what the potential hazard is, tell you how to reduce the chance of injury, and tell you what can happen if the instructions are not followed.

WARNING: For your safety the information in this manual must be followed to minimize the risk of fire or explosion or to prevent property damage, personal injury or death.

– Do Not store or use gasoline, or other flammable vapours and liquids in the vicinity of this or any other appliance.

– **WHAT TO DO IF YOU SMELL GAS:**

- Do Not try to light any appliance.
- Do Not touch any electrical switch; Do Not use any phone in your building.
- Clear the room, building or area of all occupants.
- Immediately call your gas supplier from a neighbour's phone. Follow gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.

Tools and materials needed for installation...

- level
- gloves
- 20 or 30 cm (8" or 10") adjustable wrench that opens to 2.5 cm (1")
- flat-blade screwdriver
- safety glasses
- 1/4" nut driver or socket wrench
- caulking gun and compound
- knife
- duct tape
- 20 or 30 cm (8" or 10") pipe wrench
- 1" hex-head socket wrench
- pipe joint compound resistant to L.P. gas
- tin snips

Parts supplied for installation...

Remove parts package from dryer drum. Check that all parts were included.



4 leveling legs



gas inlet pipe adapter

Parts needed for installation...

Check local codes and gas supplier, and read electrical, gas and venting requirements before purchasing parts.

Gas

Gas supply line must have:

- Shutoff valve

Rigid gas supply line must be:

- Minimum 12.5 mm (1/2") ID pipe

Flexible gas supply hose must be:

- Minimum 10 mm (3/8") ID approved flexible hose

L.P. gas conversion:

Gas conversion kit, part number 279918, available for purchase from your dealer. Full instructions are supplied with the kit. Conversion must be made by a competent technician.

Venting

Vent System

100 mm (4") metal exhaust vent must be used.

WARNING



Fire Hazard

Use a heavy metal vent.

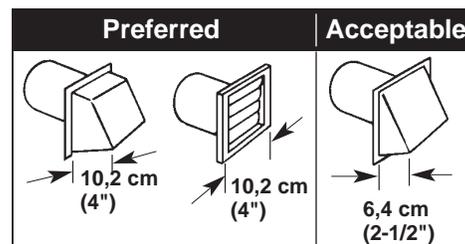
Do not use a plastic vent.

Do not use a metal foil vent.

Failure to follow these instructions can result in death or fire.

Exhaust hood

Do Not use exhaust hoods with magnetic latches.



Floors sloped greater than 2.5 cm (1 inch):

Require Extended Dryer Feet Kit, Part No. 279810 available for purchase from your dealer.

Dryer location and dimensions

⚠️ WARNING



Explosion Hazard

Keep flammable materials and vapours, such as gasoline, away from dryer.

Place dryer at least 45.7 cm (18 inches) above the floor for a garage installation.

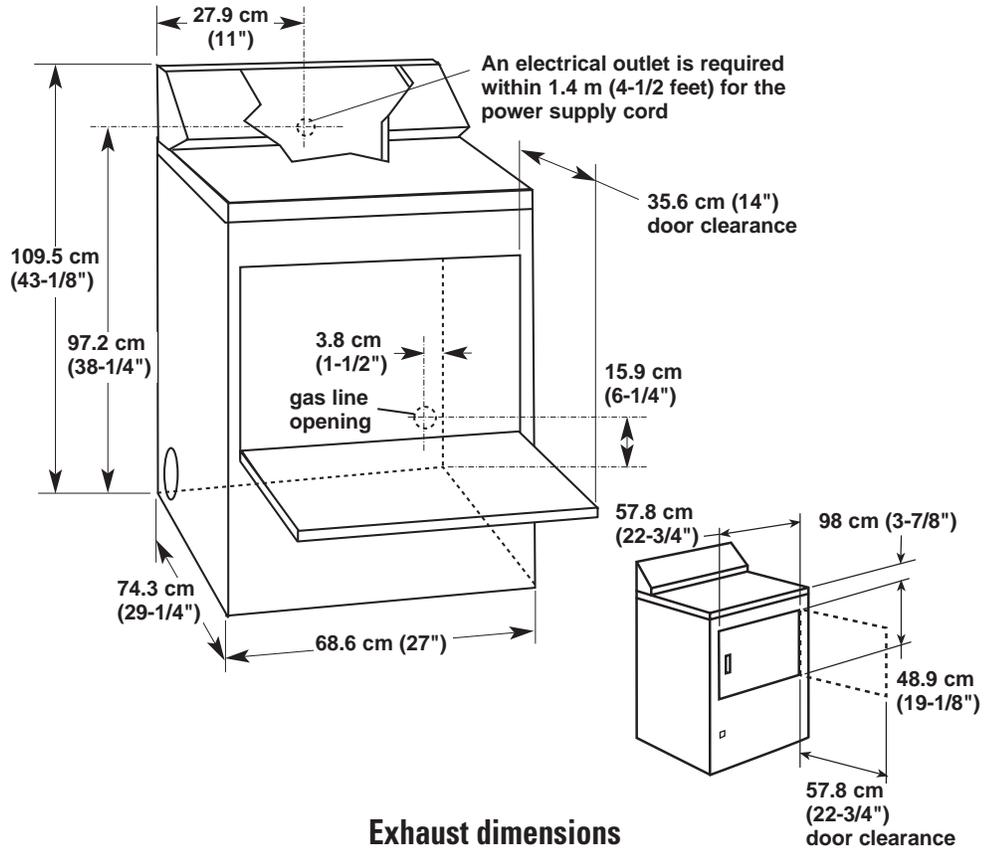
Failure to do so can result in death, explosion, or fire.

For proper drying performance:

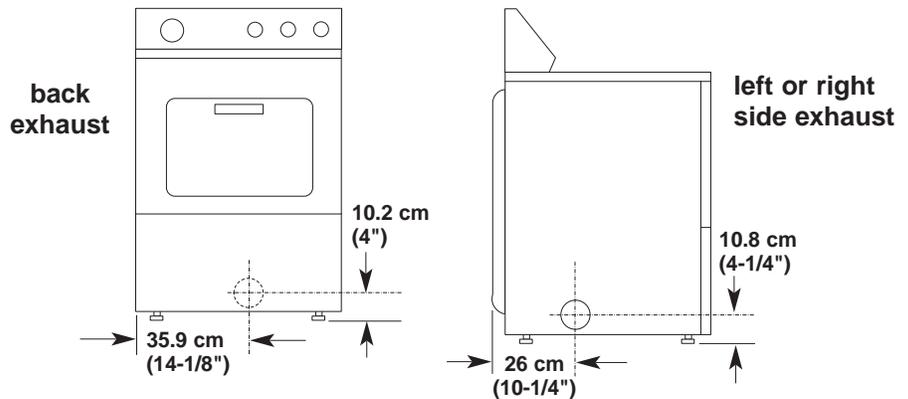
The location must provide:

- **Protection from weather and water:** Do not store or use dryer where it will be exposed to water and weather.
- **Room temperature above 7°C (45°F):** If room temperature is below 7°C (45°F), automatic cycles may not shut off.
- **Level floor:** Maximum slope under entire dryer should not be more than 2.5 cm (1 inch). If slope is greater than 2.5 cm (1 inch), install Extended Dryer Feet Kit, Part No. 279810. Clothes may not tumble properly and automatic sensor cycles may not operate correctly if dryer is not level.
- **Sturdy floor** to support dryer weight of 79.4 kg (175 pounds).
- **Air supply:** It is important to make sure the room has an adequate air supply for gas combustion and/or drying operation. The operation of this appliance may affect the operation of other gas appliances which take their air supply for safe combustion from the same room. If in doubt consult the appliance manufacturers.
- **Exhaust to outdoors:** Dryer must be exhausted outdoors to prevent exposure to harmful substances in the gas fuels; to prevent large amounts of lint and moisture from accumulating and to maintain drying efficiency.

Dimensions shown with feet extended 2.5 cm (1") from bottom of dryer.



Exhaust dimensions



- **Spacing:** Keep a minimum distance of 10 cm (4 inches) between the rear of the dryer and any wall, a minimum distance of 2.5 cm (1 inch) at the sides, and a minimum distance of 46 cm (18 inches) to any cupboards above the dryer. The minimum distance in front of the dryer should be sufficient to allow the door to fully open.

It is the installer's responsibility to:

- Observe all governing codes and ordinances.
- Check code requirements: Some codes limit or do not permit installation of clothes dryers in garages, closets, mobile homes or

sleeping quarters. Contact your local building inspector.

- Comply with the installation specifications and dimensions.
- Consider spacing requirements for companion appliances.
- Properly install dryer.
- Check that you have everything necessary for proper installation.
- Contact a competent installer to ensure that the electrical installation meets all national and local codes and ordinances.

This installation must also conform with all national and local codes and ordinances.

Electrical requirements

⚠ WARNING



Electrical Shock Hazard
Plug into an earthed outlet.
Do not use an adapter.
Do not use an extension cord.
Failure to follow these instructions can result in death, fire or electrical shock.

Important: Observe all governing codes and ordinances.

The dryer is fitted with an electricity supply cord and plug. It should be connected to an electricity supply socket at the voltage shown on the rating plate. The minimum supply fuse capacity should be 5A. The dryer must be positioned so that the plug is accessible. If the fitted plug is not used, the electrical connection must be carried out by a competent electrician in accordance with local or national codes.

If the supply cord is damaged, it must be replaced with a specially terminated cord by an authorized service agent or a similarly competent person in order to avoid a hazard.

If codes permit and an additional earth bond wire is used, it is recommended that a competent electrician determine that the earth bond path is adequate.

Gas supply

⚠ WARNING



Explosion Hazard
Connect this dryer to a regulated gas supply. Supply pressure must be in accordance with the Technical Specification (see last page).
Use a new flexible gas supply line.
If L.P gas is used, have the L.P. gas checked by a qualified person before installing the dryer.
Failure to do so can result in death, explosion, fire, or burns.

OBSERVE ALL GOVERNING CODES AND ORDINANCES.

Gas requirements:

Check that dryer is equipped with the correct burner for the particular type of gas supply. Burner information will be found on the model/serial rating plate in the door well of the dryer. If this information does not agree with the type of gas available, see your dealer.

Natural Gas:

This dryer is factory adjusted for use with NATURAL GAS (G20), and no further adjustment should be required at installation.

L.P. Gas:

This dryer is also certified for use with L.P (propane or butane) gases with appropriate conversion. No attempt shall be made to convert the appliance from the gas specified on the model/serial rating plate for use with a different gas without consulting the serving gas supplier.

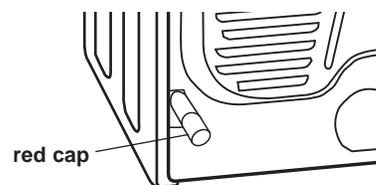
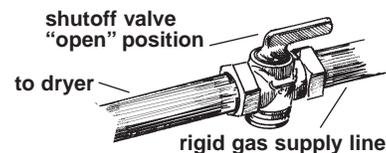
Conversion must be done by a competent service technician. Gas conversion kit, part number 279918, is available for purchase from your dealer. Full instructions are supplied with the kit.

Supply line requirements:

Provide a rigid gas supply line to the dryer location. It should be minimum 12.5 mm (1/2 inch) ID. When acceptable to the gas supplier and local codes, 10 mm (3/8-inch) ID rigid supply line may be used for lengths under 6.1 m

(20 feet). Pipe-joint compounds resistant to the action of L.P gas must be used.

Gas connection to the dryer itself should be made by means of a flexible gas hose suitable for the appliance and gas category. It should be minimum 10 mm (3/8") ID. A means of restraint should be used between the appliance and the wall to prevent straining of the rigid gas supply when the appliance is moved. An appropriate length of chain and a wall hook is recommended.



The dryer gas inlet connection is a 3/8" NPT thread. An adapter is supplied for conversion to standard ISO.228-1 thread (3/8" BSP).

Check for leaks as directed by local or national regulations. DO NOT use a naked flame to check for gas leaks. A pressure measurement tapping is provided on the gas valve within the dryer, accessible after removal of the lower front panel.

The dryer must be disconnected from the gas supply piping system during any pressure testing of that system.

Exhaust requirements

⚠️ WARNING



Fire Hazard

Use a heavy metal vent.
Do not use a plastic vent.
Do not use a metal foil vent.
Failure to follow these instructions can result in death or fire.

- Do Not use non-metal flexible vent, metal vent that is smaller than 100 mm (4") in diameter or exhaust hoods with magnetic latches.
- Do Not exhaust dryer into a chimney, furnace, cold air vent, attic or crawl space, or any other vent used for venting.
- Do Not install flexible vent in enclosed walls, ceilings or floors.

Important: Observe all governing codes and ordinances.

Exhaust your dryer to the outside. Moisture and lint indoors may cause:

- Lint to gather around the dryer where it can be fuel for a fire.
- Moisture damage to woodwork, furniture, paint, wallpaper, carpet etc.
- Housecleaning problems and health problems.

10 cm (four-inch) diameter vent is required for best performance.

Rigid or flexible metal exhaust vent must be used. Do Not use plastic or foil-covered vent.

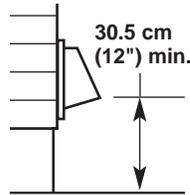
Rigid metal vent is recommended to prevent crushing and kinking.

Flexible metal vent must be fully extended and supported when the dryer is in its final position. Remove excess flexible vent to avoid sagging and kinking that may result in reduced air flow.

An **exhaust hood** should cap the exhaust vent to prevent exhausted air from returning to the dryer.

Exhaust outlet hood

must be at least 30.5 cm (12 inches) from the ground or any object that may be in the path of the exhaust (such as flowers, rocks or bushes, etc.).

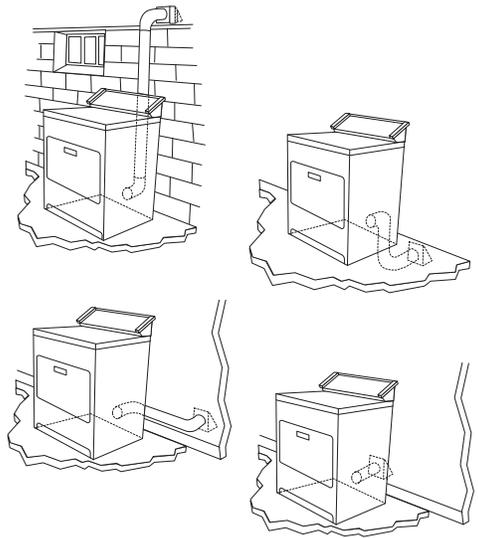


If using an existing exhaust system clean lint from entire length of system and make sure exhaust hood is not plugged with lint. Replace any vinyl or metallised plastic foil vent with rigid metal or flexible metal vent.

Use 100 mm (4") clamps to seal all joints. Do Not use screws to secure vent.

Service check: Back pressure in any exhaust system used must not exceed 15.2 mm (0.6 inches) in water column measured with an incline manometer at the point that exhaust vent connects to dryer.

Plan the exhaust vent installation



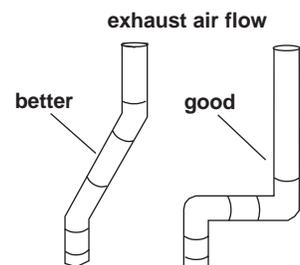
Route the vent

The exhaust outlet is located at the centre of the rear of the dryer.

The exhaust vent can be routed up, down, left, right or straight out the back of the dryer.

The design of the flue system should ensure that any condensate formed when operating the appliance from cold, is either retained and subsequently evaporated or discharged. Following these installation instructions should adequately meet this requirement.

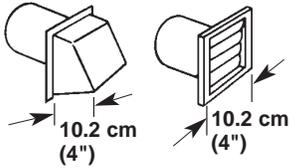
Select the route that will provide the straightest and most direct path outdoors. Plan the installation to use the fewest number of elbows and turns. Avoid making 90° turns.



When using elbows or making turns, allow as much room as possible. Bend vent gradually to avoid kinking.

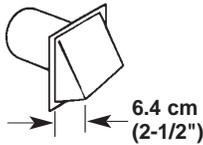
Determine vent length

Preferred —



When you have a 10.2 cm (4") hood		
Maximum length of 10.2 cm (4") diameter metal vent		
Number of 90° elbows	Rigid	Flexible (fully extended)
0	15.8 m (52 ft.)	9.4 m (31 ft.)
1	13.4 m (44 ft.)	7.9 m (26 ft.)
2	11.0 m (36 ft.)	6.7 m (22 ft.)
3	8.2 m (27 ft.)	6.1 m (20 ft.)
4	6.1 m (20 ft.)	5.5 m (18 ft.)

Acceptable —



When you have a 6.4 cm (2-1/2") hood		
Maximum length of 6.4 cm (2-1/2") diameter metal vent		
Number of 90° elbows	Rigid	Flexible (fully extended)
0	13.4 m (44 ft.)	7.0 m (23 ft.)
1	11.0 m (36 ft.)	5.5 m (18 ft.)
2	8.5 m (28 ft.)	4.3 m (14 ft.)
3	6.4 m (21 ft.)	3.7 m (12 ft.)
4	4.3 m (14 ft.)	3.0 m (10 ft.)

The maximum length of the exhaust system depends upon:

- the type of vent (rigid or flexible metal).
- the number of elbows used.

1. See the exhaust vent length chart that matches your type hood for the maximum vent lengths you can use.

Do not use vent runs longer than specified in exhaust vent length charts.

Exhaust Systems longer than specified will:

- Accumulate lint creating a potential fire hazard.
- Shorten the life of the dryer.
- Reduce performance, resulting in longer drying times and increased energy usage.

2. Determine the number of elbows you will need.

3. In the column listing the type of metal vent you are using (rigid or flexible), find the maximum length of metal vent on the same line as the number of elbows.

The maximum length using a 5.1 cm x 15.2 cm (2" x 6") rectangular vent with 2 elbows and a 6.4 cm (2-1/2") exhaust hood is 2.4 m (8 ft.).

For exhaust systems not covered by exhaust vent length charts (such as multiple unit hookups, plenums, and power-assist fans), see Service Manual. Part No. 603197. (To purchase the Service Manual, contact your local authorized service company)

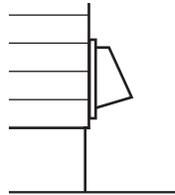
Now start installation

If installing washer and dryer, install dryer first.

A. Install vent system (new installation)

1. Put on safety glasses and gloves.

2. Install exhaust hood. Use caulking compound to seal exterior wall opening around exhaust hood.



3. Connect exhaust vent to hood with 100 mm (4") clamp. (Exhaust vent MUST fit inside hood.)

4. Run exhaust vent to dryer location. Use the straightest path possible. Avoid 90° turns. Use 100 mm (4") clamps to secure vent pieces. Tin snips may be needed to cut vent to required length.

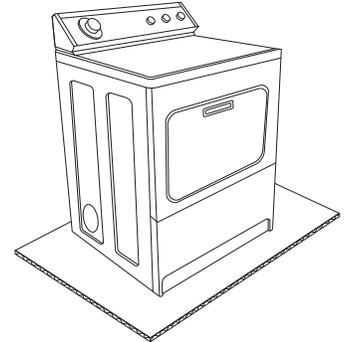
B. Prepare dryer

⚠ WARNING

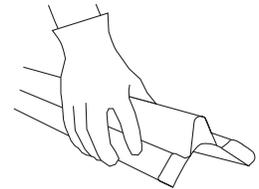
Excessive Weight Hazard

Use two or more people to move and install dryer.

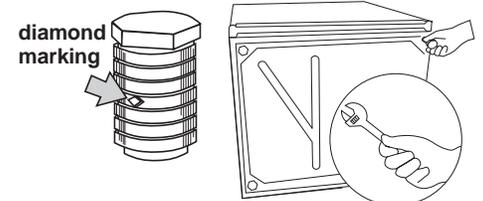
Failure to do so can result in back or other injury.



1. Open dryer door and remove drying rack, if included. Wipe drum with damp cloth to remove any dust.



2. Take two cardboard corners from dryer carton and place them on floor in back of dryer. Firmly grasp body of dryer and gently lay it on its back on the cardboard corners.



3. Start to screw legs into holes by hand. Use an adjustable wrench or 2.5 cm (1") hex-head socket wrench to finish turning legs until you reach the ridge with the diamond marking.

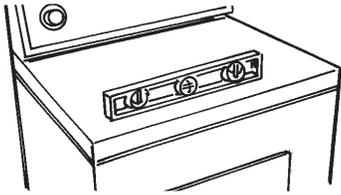
4. Stand dryer up on cardboard or hardboard.

C. Level dryer

Dryer must be level to reduce noise and assure proper performance.

Slide dryer onto cardboard or hardboard before moving across floor to prevent floor damage.

1. Move dryer close to its permanent location. Leave enough room to connect exhaust vent. Remove cardboard or hardboard from under dryer.

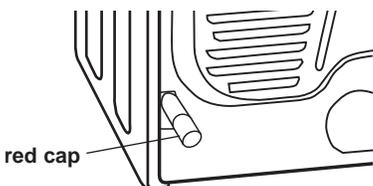


2. Check levelness of dryer by placing a level on top of dryer, first side to side, then front to back.

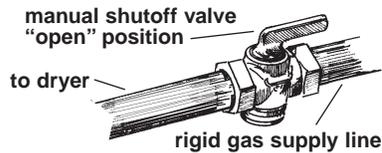
If dryer is not level, adjust dryer legs up or down.

If legs are not long enough to level dryer, order Extended Dryer Feet Kit, Part No. 279810 (sold two legs per kit), from your dealer.

D. Make gas connection

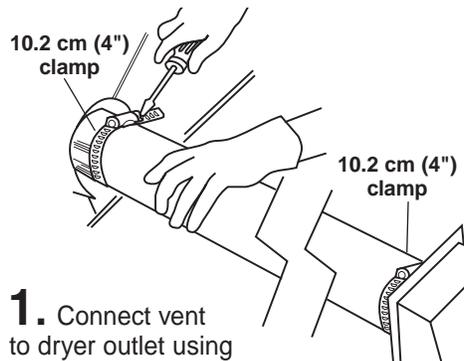


1. Remove the red cap from the gas pipe (You may need to use pliers).
2. Fit ISO.228-1 thread conversion adapter. Use pipe-joint compound resistant to the action of L.P gas for gas connections.
3. Connect gas supply to dryer.



4. Turn the shut-off valve in the gas supply line to the "open" position.
5. Check for gas leaks. If a leak appears, shut off gas valve control and re-make connections. Then check for gas leaks again.

E. Exhaust dryer



1. Connect vent to dryer outlet using 100 mm (4") clamp. If connecting to existing vent, make sure the vent is clean. The vent must fit over the dryer outlet and inside the exhaust hood.
2. Move dryer into final position. Do not crush or kink exhaust vent. Make sure dryer is level. Keep a minimum distance of 10 cm (4 inches) between the rear of the dryer and any wall.

F. Check operation

1. Check that you:
 - ✓ did not skip any steps.
 - ✓ installed all parts.
 - ✓ properly installed dryer legs.
 - ✓ levelled dryer.
 - ✓ have secured all exhaust vent joints with 100 mm (4") clamps.
 - ✓ have all the tools you started with..
2. Plug electricity supply cord into an earthed socket outlet. Turn power supply on.

3. Read the Use and Care Guide to fully understand your new dryer. Select a full heat cycle (not the air cycle) and start dryer. After five minutes, open dryer door. You should feel heat inside dryer or on the exhaust duct.

If the burner did not ignite and you do not feel heat inside the dryer, shut the dryer off for 5 minutes. Then check that:

- ✓ controls are set in a running or 'On' position.
 - ✓ start button has been pushed firmly.
 - ✓ gas supply line shut-off valve is open.
- Repeat 5-minute test. If dryer still does not operate properly check the following:
- ✓ electricity supply is connected.
 - ✓ supply fuse is intact and tight; or circuit breaker has not tripped.
 - ✓ dryer door is closed.

To visually check gas ignition and correct operation of the burner (mostly blue flame) remove the lower front panel (trained installer only) to view the burner.

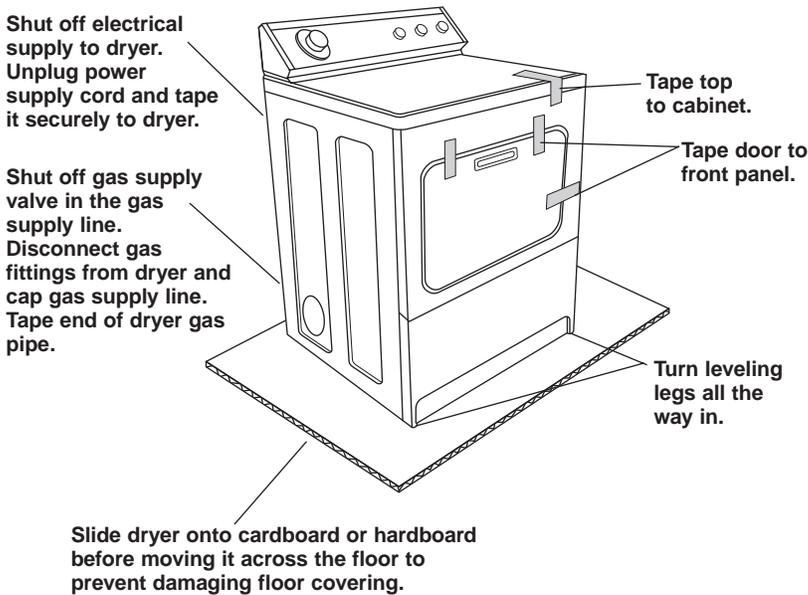
To check the gas manifold pressure (trained installer only), attach a pressure gauge to the auxiliary pressure tap on the front of the gas valve. If the manifold pressure is not in accordance with the Technical Specification, check the gas supply pressure during operation. If the supply pressure is correct, the valve must be replaced, since it is factory set. It has a seal to identify unauthorized adjustment.

WARNING – Replace lower front panel immediately after these checks.

If dryer makes an unusual noise, check that dryer is level.

Moving dryer to a new location?

Check with your gas supplier or dealer to confirm that your dryer is equipped with the correct burner for the particular type of gas in your new location. Burner information is specified on the model/serial rating plate.



Technical specifications

230-240V -50 Hz 1ph 3A max. IPX4 Clothes capacity: 9.1 kg max.		
Factory set for NATURAL GAS: Injector size: 2.2 mm Heat input gross: 5.9 kW		
European Country:	GB, ES, PT	GR, IT
European Category:	I12H3+	I12H3B/P
Supply pressure (G20):	20 mbar	20 mbar
Factory adjusted pressure:	7.4 mbar	7.4 mbar
With LPG conversion kit: Injector size: 1.25 mm Heat input gross: 6.4 kW		
European Country:	GB, ES, PT	GR, IT
European Category:	I12H3+	I12H3B/P
Butane supply pressure (G30):	28-30 mbar	30 mbar
Adjusted pressure:	N/A	N/A
Propane supply pressure (G31):	37 mbar	30 mbar
Adjusted pressure:	N/A	N/A
NOTE: Conversion kit : From Natural Gas to LP Gas : Whirlpool Part No. 279918.		
Manufacturer : Whirlpool Corporation, Benton Harbor, Michigan 49022, USA.		