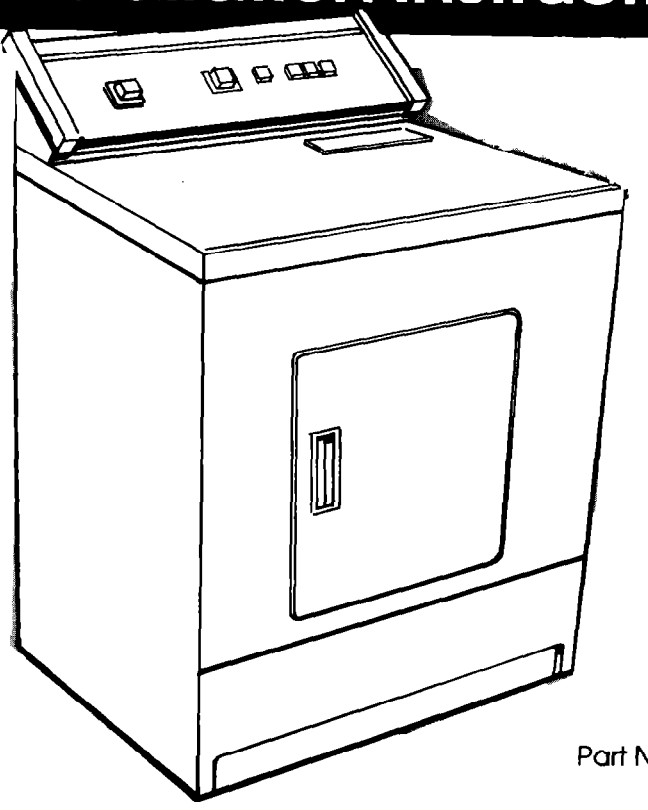
Installation Instructions



Part No. 687460 Rev. A.

Gas Dryer
230 Volt 50 Hz

IMPORTANT

Installer: Leave Installation Instructions with the appliance.

Save Installation Instructions for local electrical inspector's use.

Whirlpool CORPORATION

Before you start...

Check location where dryer will be installed. Proper installation is your responsibility. Make sure you have everything necessary for correct installation.

Grounded electrical outlet is required. See Electrical requirements.

Four-inch (10.2 cm) metal exhaust duct is required.

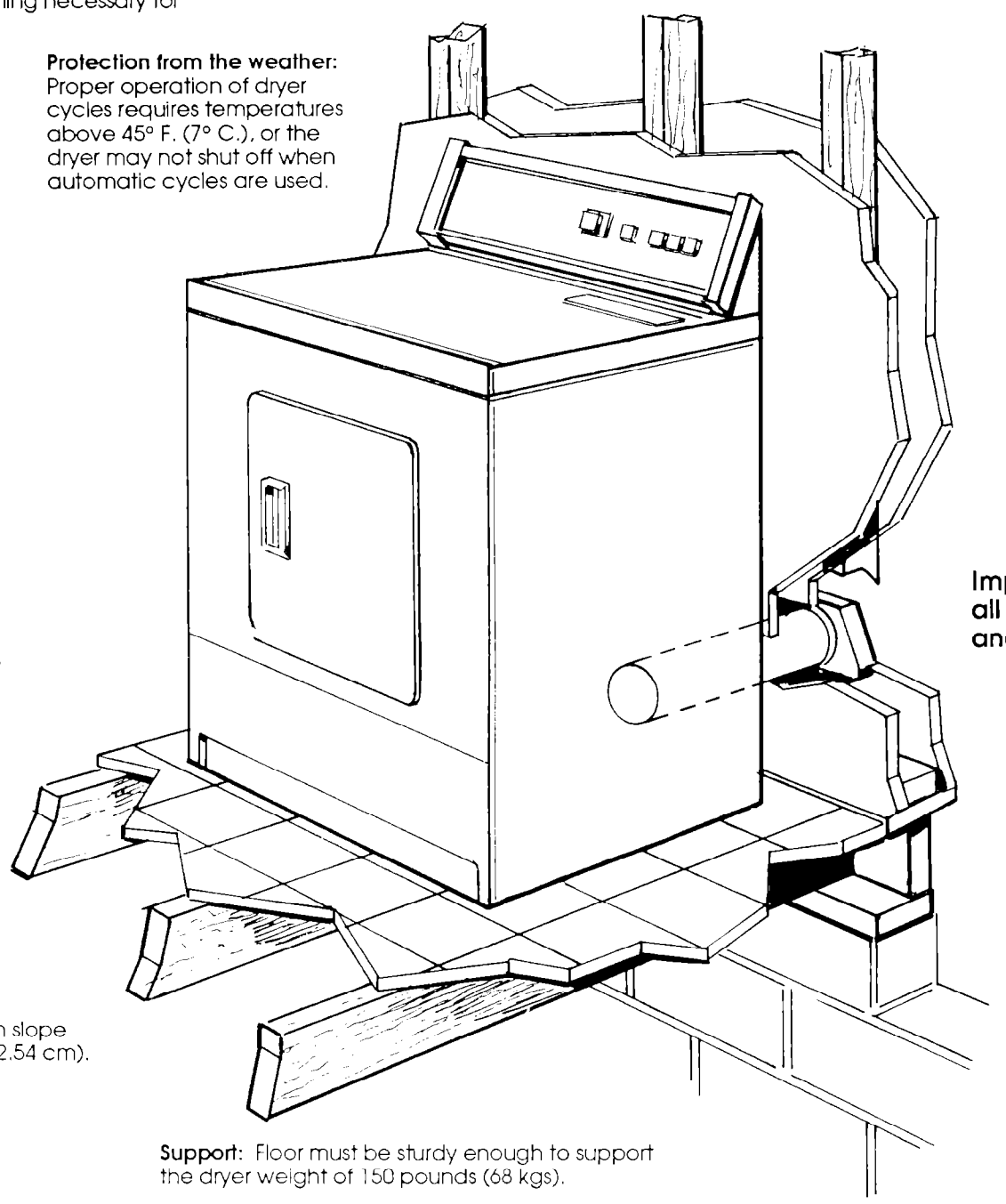
Check **utilities:** Proper gas and electric supply connections **must** be available.

Location: should be large enough to fully open dryer door. See back cover for recessed and closet installation space requirements and product dimensions.

Level floor: maximum slope under dryer - 1 inch (2.54 cm).

Protection from the weather: Proper operation of dryer cycles requires temperatures above 45° F. (7° C.), or the dryer may not shut off when automatic cycles are used.

Check **code requirements.** Some codes limit or do not permit the installation of clothes dryers in garages, mobile homes, closets and sleeping quarters. Contact your local building inspector.



Support: Floor must be sturdy enough to support the dryer weight of 150 pounds (68 kgs).

⚠WARNING

Fire Hazard

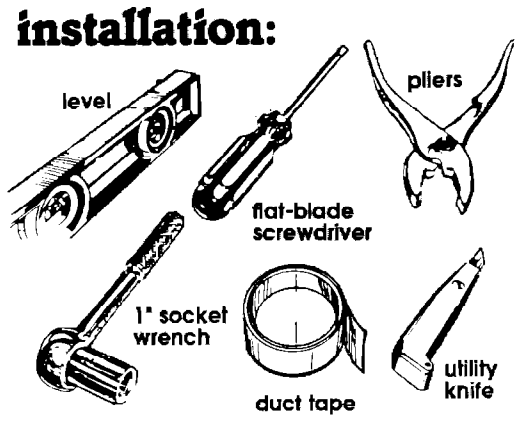
- Do Not use or store gasoline, paint, thinners and other flammable materials near dryer.
- Never install dryer up against draperies or curtains or on carpet.
- Keep any and all items from falling or collecting behind the dryer.
- Replace all access panels before operating dryer.
- If you smell gas:
  1. Open windows.
  2. Don't touch electrical switches.
  3. Extinguish any open flame.
  4. Immediately call your gas supplier.

Failure to follow these instructions could result in a fire or explosion.

Important: Observe all governing codes and ordinances.

SEE RECESSED AND CLOSET INSTALLATION INSTRUCTIONS ON BACK COVER.

Tools and materials needed for installation:



Gas supply requirements

OBSERVE ALL NATIONAL AND LOCAL GOVERNING CODES AND ORDINANCES

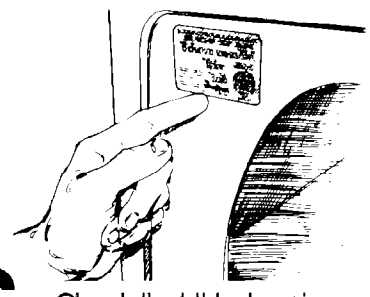
⚠WARNING

Fire Hazard

- This dryer must be connected to a regulated gas supply. Failure to do so could cause high-pressure gas release, resulting in a fire or explosion.
- Have the L.P. gas checked by a qualified person before installing the dryer. The L.P. gas supply must not exceed a pressure of 13 inches (33 cm) water column.
- New flexible tubing should be used. Reusing old flexible tubing might result in possible leaks or fire hazard.

A. This installation must conform with national standards, and local codes and ordinances.

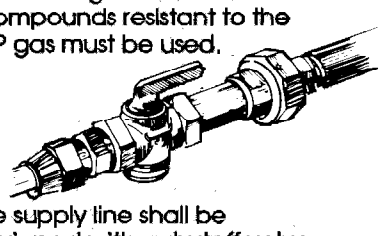
B. Input ratings shown on the rating plate (serial tag) are for elevations up to 2,000 feet (610 m). For elevations above 2,000 feet (610 m), ratings should be reduced at a rate of 4% for each 1,000 feet (305 m) above sea level.



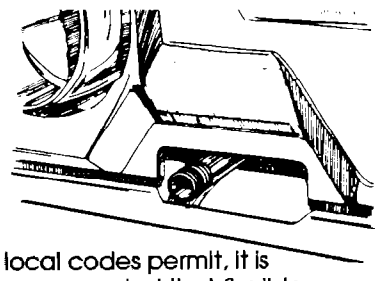
C. Check that this dryer is equipped with the correct burner for the particular type of gas available. Burner information will be found on the rating plate in door well of the appliance. If this information does not agree with the type of gas available, call your dealer.

D. This dryer is equipped for use with NATURAL GAS. It is certified by A.G.A. for manufactured, mixed and L.P. gases with appropriate conversion. No attempt shall be made to convert the appliance from the gas specified on the rating plate for use with a different gas without consulting the serving gas supplier. **Conversion must be done by a qualified service technician. Gas conversion kit part numbers are listed on the gas valve burner base.**

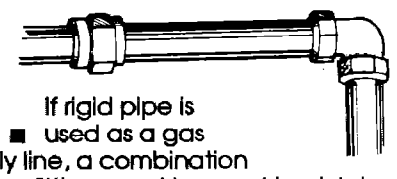
E. Provide a gas supply line to the dryer location. When rigid pipe is used, it must be 1/2-inch (12.7 mm) IPS. When acceptable to the gas supplier, 3/8 inch (9.5 mm) approved copper tubing may be used for lengths under 20 feet (6.1 m). For lengths over 20 feet (6.1 m), larger tubing should be used. Pipe-joint compounds resistant to the action of L.P gas must be used.



F. The supply line shall be equipped with a shutoff valve. This valve should be located in the same room as the dryer and should be in a location that allows ease of opening and closing. Do Not block access to shutoff valve.



G. If local codes permit, it is recommended that flexible metal tubing be used for connecting the dryer to the gas supply line. (The gas pipe which extends through the lower rear of the appliance has 3/8-inch (9.5 mm) male pipe thread.)



H. If rigid pipe is used as a gas supply line, a combination of pipe fittings must be used to obtain an in-line connection to the dryer.

I. Make sure back and sides of the cabinet are free of obstructions to permit adequate clearance of air openings for combustion air. See Recessed and closet instructions for minimum spacing requirements.

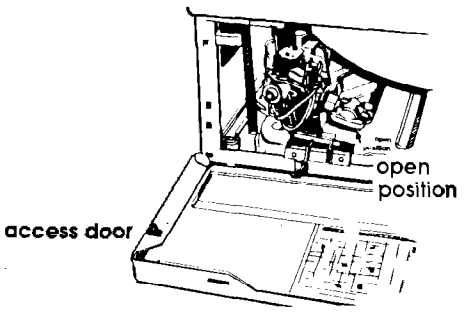
J. For ease of installation, operation and servicing, adequate space should be provided around the dryer.

K. A 1/8-inch (3.2 mm) NPT plugged tapping, accessible for test gage connection, must be installed immediately upstream of the gas supply connector to the dryer.

The dryer and its individual shutoff valve must be disconnected from the gas supply piping system during any pressure testing of that system at test pressures in excess of 1/2 psig (3.45 kPa).

The dryer must be isolated from the gas supply piping system by closing its individual manual shutoff valve during any pressure testing of the gas supply piping system at test pressures equal to or less than 1/2 psig (3.45 kPa).

IMPORTANT: OBSERVE ALL GOVERNING CODES AND ORDINANCES.



L. The dryer shutoff valve and the wiring diagram are located behind the lower front access panel. Open the access panel by pushing down on the two locking clips with a screwdriver. The clips are located 4 inches (10.2cm) in from each side of the dryer. The panel is hinged at the bottom. Close the access panel after servicing. Do Not operate the dryer with the access panel open.

Electrical Requirements

⚠WARNING

Electrical Shock Hazard

- Check with a qualified electrician if you are in doubt as to whether the appliance is properly grounded. Do Not modify the plug on the power supply cord. If it will not fit the outlet, have a proper outlet installed by a qualified electrician. Improper connection of the equipment-grounding conductor can result in a fire, electrical shock or other personal injury.
- Do Not use an extension cord with this appliance. Such use may result in a fire, electrical shock or other personal injury.
- Do Not use a fuse in the neutral or grounding circuit. This could result in an electrical shock.

A 230-volt, 2-wire, single phase, 50-Hz, AC-only, 15-Ampere, fused electrical supply is required (time-delay fuse or circuit breaker is recommended). It is recommended that a separate circuit serving only this appliance be provided.

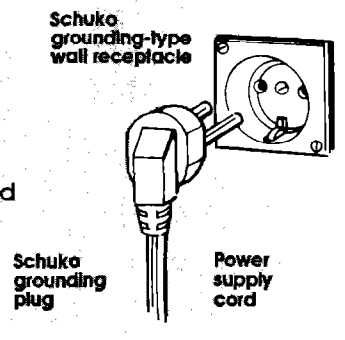
Recommended grounding method

Electrical ground is required on this appliance.

DO NOT, UNDER ANY CIRCUMSTANCES, ALTER THE POWER SUPPLY CORD PLUG.

For your personal safety, this appliance must be grounded. This appliance is equipped with a Schuko type power supply cord.

To minimize possible shock hazard, the cord must be plugged into a mating grounding-type wall receptacle, grounded in accordance with local codes and ordinances. If a mating wall receptacle is not available, it is the personal responsibility and obligation of the customer to have a properly grounded wall receptacle installed by a qualified electrician.



Exhaust requirements

⚠WARNING

Fire Hazard

- Do Not use non-metal, flexible duct.
- Do Not use metal duct smaller than four inches in diameter.
- Do Not use exhaust hoods with magnetic latches.

Improper air supply for exhausting may result in a fire.

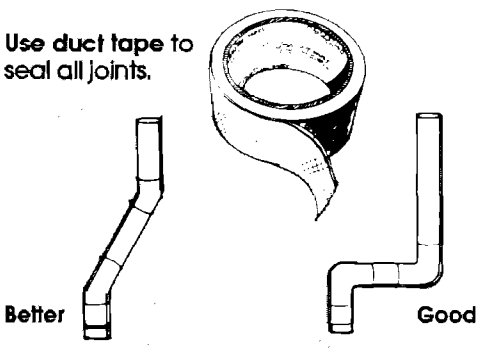
- Check that exhaust system is not longer than specified. Exhaust systems longer than specified will:
  Accumulate lint.
  Shorten the life of the product.
  Reduce performance, resulting in longer drying times and increase energy usage.

Failure to follow specifications may result in a fire.

- Do Not exhaust dryer into a chimney, furnace cold air duct, attic or crawl space, or any other duct used for venting.
- Clean the exhaust system every year.
- Do Not install flexible duct under wall, ceiling or floor materials.

Accumulated lint could result in a fire or cause moisture damage.

Use duct tape to seal all joints.

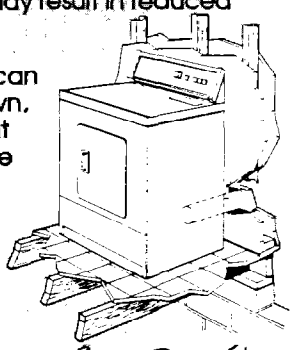


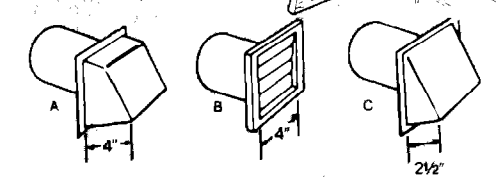
4-inch (10.2) rigid metal pipe is preferred. Plan installation to use the fewest number of elbows and turns.

Metal flexible duct may be used. It must be fully extended and supported when the dryer is in its final position. DO NOT KINK OR CRUSH THE DUCT. The metal flexible duct must be completely open to allow adequate exhaust air to flow.

Allow as much room as possible when using elbows or making turns. Bend duct gradually to avoid kinking. Remove excess flexible duct to avoid sagging and kinking that may result in reduced air flow.

The **exhaust duct** can be routed up, down, left, right or straight out the back of the dryer. Space requirements are provided on the back cover of Installation Instructions.





NUMBER OF 90° TURNS	EXHAUST HOOD TYPE A	B	C	
0 1 2	43 FT. 33 FT. 23 FT.	41 FT. 31 FT. 21 FT.	36 FT. 26 FT. 16 FT.	MAXIMUM LENGTH OF 4" DIA. RIGID METAL DUCT.
0 1 2	30 FT. 24 FT. 16 FT.	29 FT. 23 FT. 15 FT.	24 FT. 18 FT. 10 FT.	MAXIMUM LENGTH OF 4" DIA. FLEXIBLE METAL DUCT
0 1 2	13.1m 10.1m 7.01m	12.5m 9.45m 6.4m	10.97m 7.92m 4.88m	MAXIMUM LENGTH OF 10cm DIA. RIGID METAL DUCT.
0 1 2	9.14m 7.32m 4.88m	8.84m 7.01m 4.57m	7.32m 5.49m 3.05m	MAXIMUM LENGTH OF 10cm DIA. FLEXIBLE METAL DUCT.

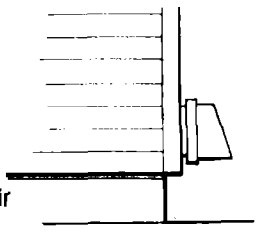
Maximum length of the exhaust system depends upon the type of duct used, number of elbows and the type of exhaust hood. The maximum length for both rigid and flexible duct is shown in chart.

For **exhaust systems** not covered by the exhaust length chart, see Whirlpool Service Manual, "Exhausting Whirlpool Dryers," Part No. 603197 available from your Whirlpool parts distributor.

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

Exhausting the dryer outside is recommended. Closet installation must be exhausted outside. See Recessed and closet installation instructions on the back cover for adequate unobstructed air opening requirements.

If the dryer is installed in a confined area, it must be exhausted to the outside and provision must be made for enough air for combustion and ventilation. Check governing codes and ordinances. Also refer to the Recessed and closet installation instructions on the back cover.



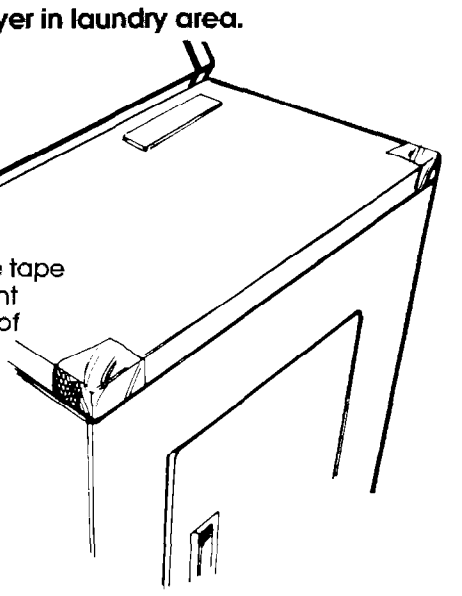
An **exhaust hood** should cap the exhaust duct to prevent exhausted air from returning into dryer. The outlet of the hood must be at least 12" (30.5cm) from the ground or any object that may be in the path of the exhaust.

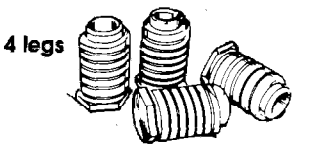
4-inch (10.2cm) outlet hood is preferred; however, a 2-1/2-inch (6.4cm) outlet exhaust hood may be used with systems of 10 feet or less. (This outlet creates greater back pressure than other hood types.)

Now start...

With dryer in laundry area.

1. Remove tape from front corners of dryer.

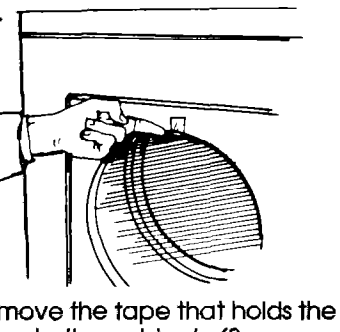




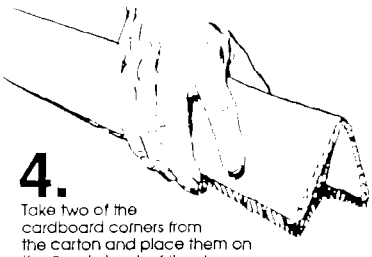
4 legs

literature rack (not supplied with all models)

2. Open dryer and remove the literature and parts packages. Remove all parts from the plastic packages. Check to see that you have these parts.

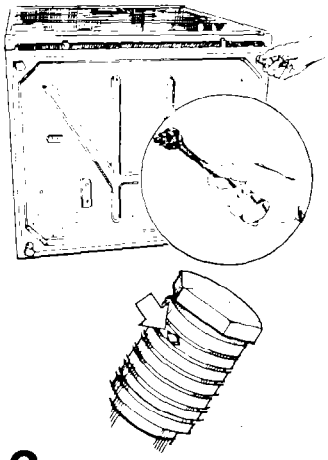


3. Remove the tape that holds the drum to the cabinet. (Some dryer drums are not taped for shipping.) Move the drum by hand to make certain all tape has been removed. Wipe the interior of the drum thoroughly with a damp cloth before using the dryer.



4. Take two of the cardboard corners from the carton and place them on the floor in back of the dryer.

5. Firmly grasp the body of the dryer and gently lay it on its back on the cardboard corners.



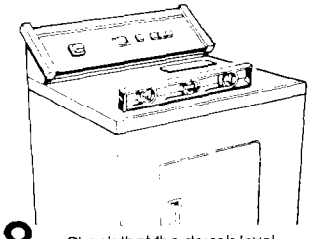
6. With one of the legs in hand, check the ridges for a diamond marking. That's how far the leg is supposed to go into the hole. Start to screw the legs into the holes by hand. Use a small amount of liquid detergent to lubricate the screw so it is easier to turn the leg. Use a 1 inch (2.5cm) wrench or socket to finish turning the legs until you have reached the diamond mark.

⚠CAUTION

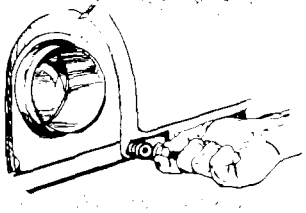
Floor Damage

Slide dryer onto cardboard or hardboard before moving across floor. Failure to do so may cause damage to floor covering.

7. Now stand the dryer up and move it close to its final location.

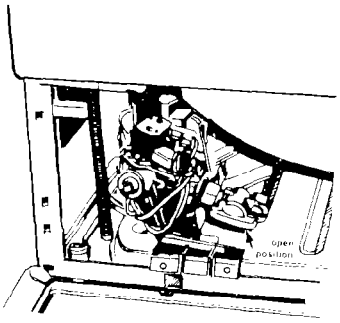


8. Check that the dryer is level. Place a carpenter's level on top of the dryer, first side to side, then front to back. If the dryer is not level, screw the legs of the dryer up or down to adjust.

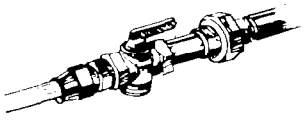


9. Remove red cap from gas pipe. Move dryer into permanent position.

10. Connect gas supply to dryer. Use pipe-joint compound resistant to the action of L.P. gas for gas connections. If flexible metal tubing is used, check that there are no kinks.



11. The gas valve inside the dryer is shipped in the "ON" position. Check that the gas valve shutoff control is still in the "ON" position.



12. Open the shutoff valve in the gas supply line.

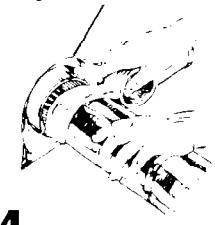
⚠WARNING

Fire Hazard

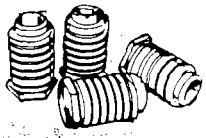
Do Not use an open flame to test for leaks from gas connections. Checking for leaks with a flame may result in a fire or explosion.

13. Use a brush and liquid detergent to test all gas connections for leaks. Bubbles around connections will indicate a leak. If a leak appears, shut off gas valve controls and adjust connections. Then check connections again. **NEVER TEST FOR GAS LEAKS WITH A FLAME.**

All connections must be wrench-tightened.



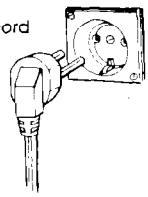
14. To exhaust the dryer, see Exhaust requirements. Connect exhaust duct to exhaust hood. Use duct tape to seal all joints in exhaust duct. Use caulking compound to seal exterior wall opening around exhaust hood.



15. Check to see that all of the parts you removed from the installation parts packages in Step 2 are now installed in the dryer. If you have an extra part, go back through the steps to see what you skipped.

16. Check to make sure you have all your tools.

17. Plug the electrical cord into the grounded outlet.



To operate dryer...

Check that the dryer is operating properly following installation:

- Close the access panel and dryer door.
- Pull timer set button left. Let the dryer run for five minutes.
- Select a full heat cycle.
- Push START/RESTART button. This will remove air from the gas supply line.
- If the burner does not ignite and you can feel no heat inside the dryer, shut off the dryer for five minutes. Check that all supply valve controls are in "ON" position and that the electrical cord is plugged in. Repeat the five-minute test until burner ignites.

General operation:

To start dryer -

- Close the dryer door.
- Pull timer set button left to run the dryer for the time desired.
- Select a full heat cycle.
- Push START/RESTART button.
- When dryer door is opened, dryer stops but timer continues to run. To restart close door and push start/restart button. Dryer will stop when time is used up.

Periodically check dryer -

- If drying times is too long, make sure lint screen is clean.
- Inspect motor, blower and exhaust duct for lint accumulation. Large quantities of lint in these areas will affect performance of the dryer.

When moving your dryer...

- Disconnect the electrical cord and grounding wire and tape securely to dryer.
- Shut off the gas supply valve controls in the gas supply line.
- Disconnect gas pipe and fittings from dryer and cap the gas supply line.
- Tape the drum to the front panel. Tape the dryer door, lint screen and end of gas pipe.
- Screw leveling legs all the way in.

Before reinstalling your dryer, check with your gas supplier or dealer to see that your dryer is equipped with the correct burner for the particular type of gas in the new laundry location. Burner information may be found on the rating plate in the door well of the dryer. Have a qualified electrician confirm that the supply voltage matches the voltage specified on the nameplate.

If dryer does not operate...

Check that the circuit breaker is not tripped or the fuse blown. Check that power supply cord is plugged into wall receptacle. Check that gas valves are turned to "ON" position.

If dryer needs servicing...

When you call for service, you need the dryer model number and serial numbers which can be found on the serial/rating plate located on the dryer door well.

Remember...your service representative is trained in the repairing and servicing of your WHIRLPOOL appliances. A service representative can help you maintain the quality originally built into your WHIRLPOOL appliance.

Recessed and closet installation instructions

⚠WARNING

Fire Hazard

If dryer is installed in a closet, the dryer MUST be exhausted outside. Failure to do so may cause a fire.

This dryer may be installed in a recessed area or closet.

The installation spacing is the minimum allowable. Additional spacing should be considered for ease of installation, servicing and compliance with local codes and ordinances.

If closet door is installed, the minimum number of unobstructed air openings in top and bottom is required. Louvered doors with equivalent air openings are acceptable. Closet installation must be exhausted.

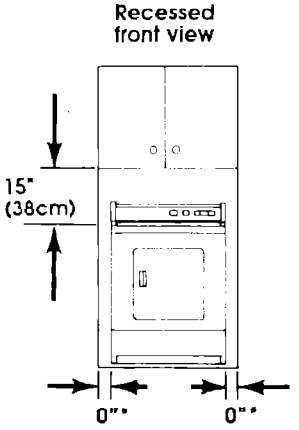
Only recessed installations with no cabinet or shelf above the dryer can be nonexhausted. Nonexhausted, recessed installations require an exhaust deflector.

Other installations must use the minimum dimensions indicated.

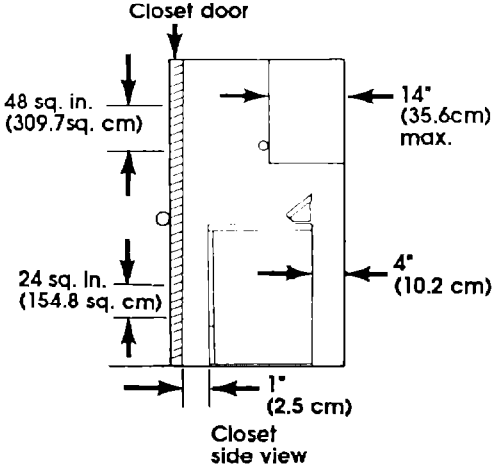
Note: No other fuel-burning appliance may be installed in the same closet.

To prevent large amounts of lint and moisture from accumulating and to maintain drying efficiency, this appliance should be exhausted outdoors.

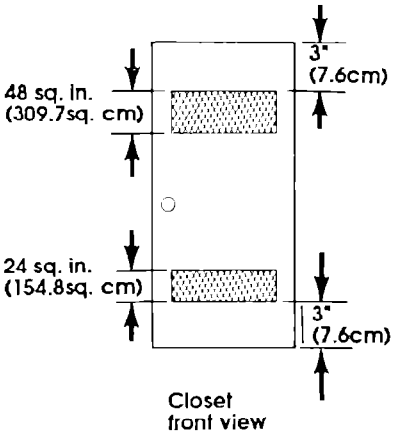
Recessed, nonexhausted installation must use only the rear exhaust position and Exhaust Deflector Part No. 3391278.



***Additional clearances for wall, door and floor moldings may be required.**



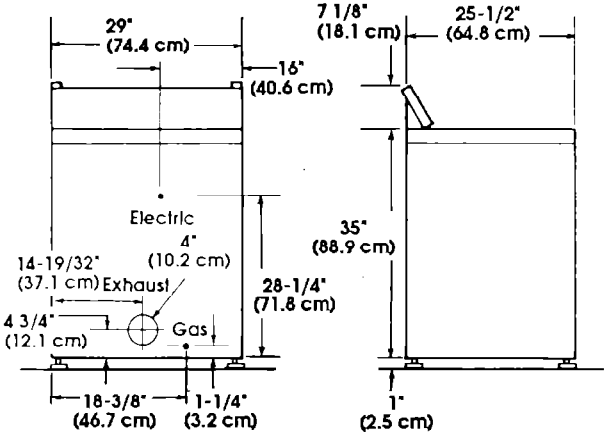
Recessed Area Minimum installation spacing



Installation must be exhausted outdoors.

Note: If recessed installation is exhausted to the side or rear, 6 inches (15.2cm) must be available above the dryer, but all other spacing can be 0".

Product dimensions



* Shelf or cabinet is not permitted above non-exhausted dryers.

Part No. 687460 Rev. A.

Prepared by Whirlpool, Benton Harbor, Michigan 49022

Printed in U.S.A.