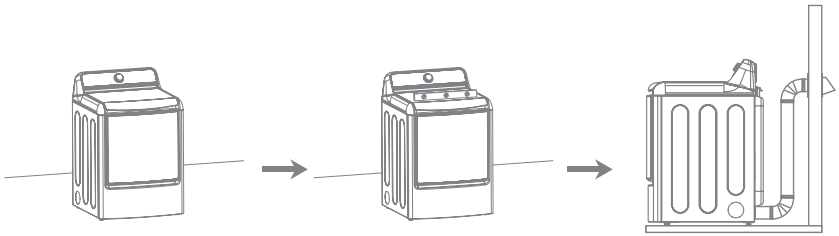
INSTALLATION INSTRUCTIONS

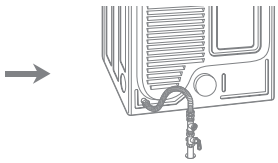
Preview Installation Order



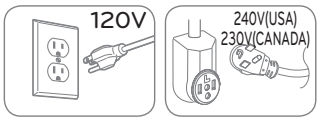
Checking and choosing the proper location

Leveling the dryer

Venting the dryer



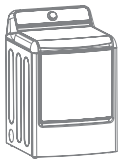
Connecting gas dryers



Plugging in the power cord and grounding

Press and hold

Installation test
(Refer to page 29.)



Test run

Installation Location Requirements

⚠WARNING

Read all installation instructions completely before installing and operating your dryer! It is important that you review this entire manual before installing and using your dryer. Detailed instructions concerning electrical connections, gas connections, and exhaust requirements are provided on the following pages.

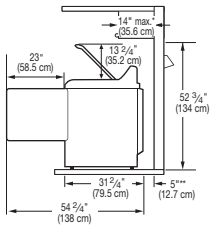
- A location that allows for proper exhaust installation. A gas dryer must be exhausted to the outdoors. See **Venting the dryer.**
- A grounded electrical outlet located within 2 ft. (61 cm) of either side of the dryer. See **Connecting electric dryers.**
- A sturdy floor to support the total dryer weight of 200 lbs (90.7 kg). The combined weight of a companion appliance should also be considered.
- No other fuel-burning appliance can be installed in the same closet as a dryer.

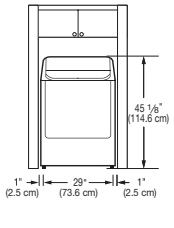
Do not operate your dryer at temperatures below 45°F (7°C). At lower temperatures, the dryer might not shut off at the end of an automatic cycle. This can result in longer drying times. The dryer must not be installed or stored in an area where it will be exposed to water and/or weather. Check code requirements. Some codes limit, or do not permit, installation of the dryer in garages, closets, mobile homes or sleeping quarters. Contact your local building inspector.

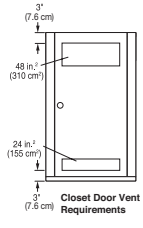
NOTE

- Floor must be level, with a maximum slope of 1 inch (2.5 cm) under entire dryer. If the slope is greater than 1 inch (2.5 cm), install the Extended Dryer Feet Kit. Clothes may not tumble properly, and automatic sensor cycles may not operate correctly if the dryer is not level.
- For a garage installation, you will need to place the dryer at least 18 inches (46 cm) above the floor. If using a pedestal, you will need 18 inches (46 cm) to the bottom of the dryer.

Clearances







Installation Spacing For Recessed Area Or Closet Installation

The following spacing dimensions are recommended for this dryer. This dryer has been tested for clearances of 1 inch(2.5 cm) on the sides and rear. Recommended spacing should be considered for the following reasons:

- Additional spacing should be considered for ease of installation and servicing.
- Additional clearances might be required for wall, door and floor moldings.
- Additional spacing should be considered on all sides of the dryer to reduce noise transfer.

  For closet installation, with a door, minimum ventilation openings in the top and bottom of the door are required. Louvered doors with equivalent ventilation openings are acceptable.
- Companion appliance spacing should also be considered.

NOTE

There should be at least a little space around the dryer (or any other appliance) to eliminate the transfer of vibration from one to the other. An appliance that vibrates too much can make noise or shift against another appliance, causing paint damage and additional noise.

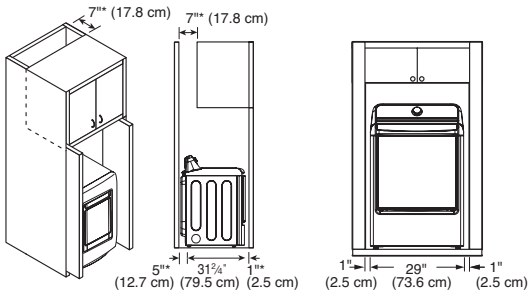
Clearances (cont.)

Recommended Installation Spacing For Cabinet Installation

• For cabinet installation with a door, minimum ventilation openings in the top of the cabinet are required.

*Required spacing

**For side or bottom venting,
2 inches (5.1 cm) clearance is allowed.



Leveling the Dryer

⚠WARNING

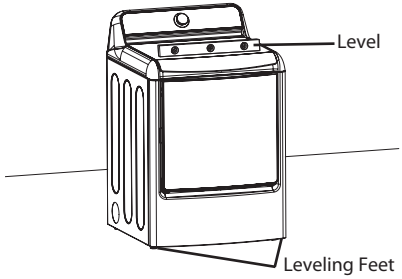
- **To reduce the risk of injury to persons, adhere to all industry recommended safety procedures including the use of long-sleeved gloves and safety glasses.** Failure to follow this warning can cause serious injury or death.
- **The appliances are heavy. Two or more people are required when installing the dryer.** Failure to follow this warning can cause serious injury or death.

To ensure that the dryer provides optimal drying performance, it must be level. To minimize vibration, noise, and unwanted movement, the floor must be a perfectly level, solid surface.

NOTE

Adjust the leveling feet only as far as necessary to level the dryer. Extending the leveling feet more than necessary can cause the dryer to vibrate.

1. Position the dryer in the final location. Place a level across the top of the dryer.

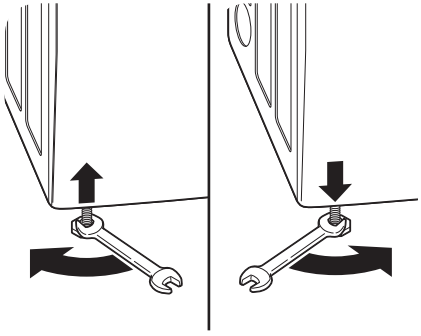


- All four leveling feet must rest solidly on the floor. Gently push on the top corners of the dryer to make sure that the dryer does not rock from corner to corner.

If you are installing the dryer on the optional pedestal, you must use the leveling feet on the pedestal to level the dryer. The dryer leveling feet should be fully retracted.

2. Use an adjustable wrench to turn the leveling feet. Turn clockwise to raise the dryer or counterclockwise to lower it. Raise or lower the leveling feet until dryer is level from side to side and front to back.

Make sure that all four leveling feet are in firm contact with the floor.



Reversing the Door

Before you begin

> **NOTE**
> The door reversal procedure for the two-way door is far more complex than for a conventional dryer door. It is recommended that you read through these instructions in their entirety before beginning the process, in order to gauge whether you prefer to have the procedure done by a professional installer or service person.

The door reversal procedure consists of four main parts:

- Removing and reinstalling the **door and hinges** (steps 1, 2 and 20)
- Removing and reversing components on the dryer **cabinet** (step 3)
- Removing and reversing components on the **door cover** (steps 4 and 5)
- Removing and reversing components **inside the door** (steps 6 through 19).

Tools Required

- **Phillips screwdriver**
- **Large flat blade screwdriver** (recommended for hinge screws if they are tight or your Phillips screwdriver is worn)
- **Small flat blade screwdriver** (for lifting out parts)

⚠WARNING

- **THE DRYER DOOR IS VERY LARGE AND HEAVY. Failure to follow the instructions below can result in damage to the dryer, property damage or personal injury.**
- **To avoid damage to the dryer or the door, support the door with a stool or box that fits under the door, or have an assistant support the weight of the door.**
- **Avoid dropping the door to avoid damage to the door or the floor.**
- **Unplug the dryer or turn off power at the main circuit breaker before beginning door reversal.**

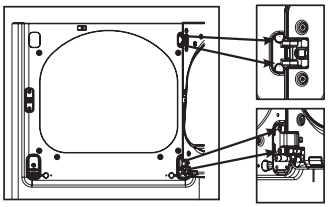
Instructions

> **NOTE**
> The instructions here are for changing the door swing from a right to a left side hinge. If the door has been reversed, and it is necessary to change it back, use care when following these instructions. Some of the illustrations and the left/right references will be reversed, and you will need to read the instructions carefully.

⚠WARNING

Be sure to support the weight of the door before removing the hinge screws.

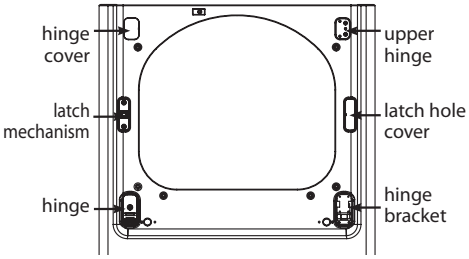
1. Open the door from the side so that the hinge screws are accessible.



2. Remove the four hinge screws.
While supporting the door, remove the four hinge screws, two from each hinge. Set the door aside face down on a protected surface to prevent damage to the door or the work surface.

3. Reverse the components on the cabinet.

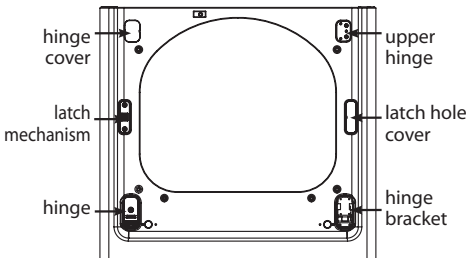
a. Use a Phillips screwdriver to remove the two screws and the latch mechanism on the front panel of the cabinet.



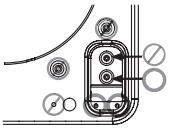
b. Remove the latch hole cover by gently prying it up with a flat blade screwdriver, being careful not to scratch the paint. Install the latch hole cover on the opposite side, where the latch mechanism was removed. Install the latch mechanism in the position from which you removed the latch hole cover, using the two screws removed in step a.

c. Remove the hinge cover by gently prying it up with a flat blade screwdriver, being careful not to scratch the paint. Rotate the hinge cover 180 degrees and install it on the opposite side, where the upper hinge was attached.

Reversing the Door (continued)

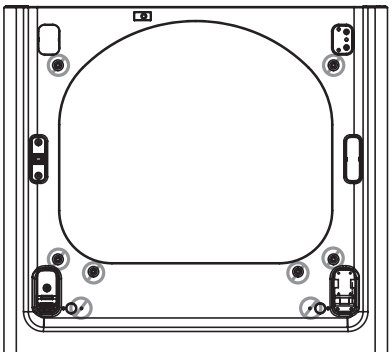


d. Reverse the hinge and the hinge bracket at the bottom of the cabinet. Remove the two screws from the hinge bracket at bottom right and remove the hinge bracket.
Remove the lower of the two screws behind the hinge bracket. Do NOT remove the upper screw behind the hinge bracket. Set the parts aside.

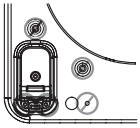


NOTE

Do **NOT** remove any of the eight screws on the face of the cabinet (marked with ⊘ below). Doing so could result in damage to the dryer and the need for a service call to repair the dryer.



e. Remove the three screws on the hinge at bottom left. Remove the hinge and reinstall it on the right side. The top screw occupies the hole where you removed the screw behind the hinge bracket in step d.



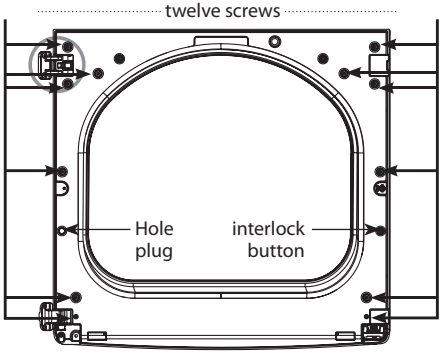
f. Install the hinge bracket removed in step d on the bottom left side, first installing one screw behind the hinge bracket.

ON THE DOOR:

4. Lift off the door cover.
With the door laid inside facing up on a protected surface, remove the 12 screws on the inside of the door. Carefully lift off the door cover with the help of a small flat blade screwdriver inserted in the upper corner (circled below).

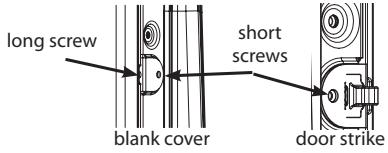
⚠WARNING

The edges of the door cover may be sharp. Take care when handling, or wear gloves to avoid injury.

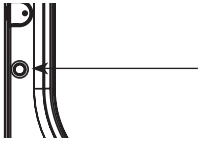


5. Switch the door strike and the blank cover.
Remove the four screws on the door cover that secure the door strike and the blank cover.

Switch the door strike and the blank cover, installing them on the opposite sides from which they were removed.



Gently pry out the hole plug on the side of the door cover and install it in the hole on the opposite side.



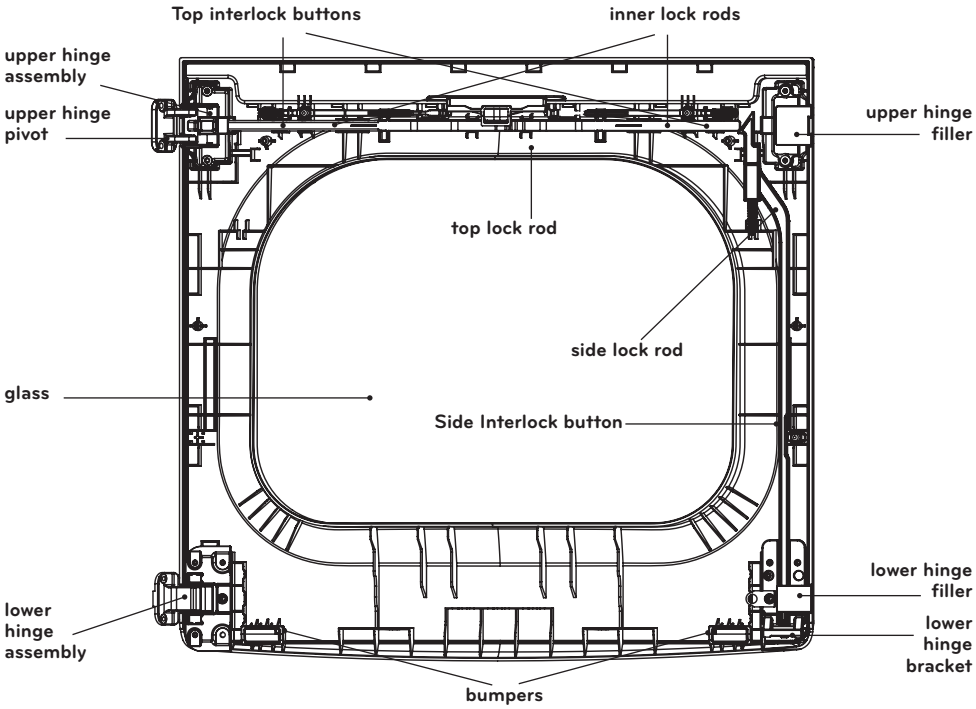
Set the door cover aside.

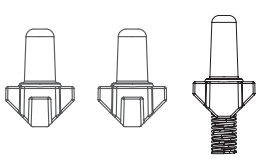
Reversing the Door (continued)

6. Reverse the components inside the door.

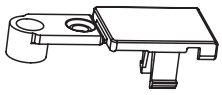
You will now be removing and reversing various components inside the door. See below for a detailed diagram and identification of the inner structure and parts of the door. (The diagram shows the "before view" of the door, with the default set-up for a right side hinge swing. After following these instructions, your door should be a mirror image of the illustration.)

Inner Structure of Door
(before reversing - right hinge swing)





interlock buttons

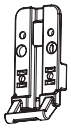


lower hinge filler

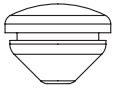
side lock rod

top lock rod

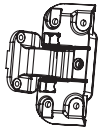
inner lock rods



lower hinge bracket



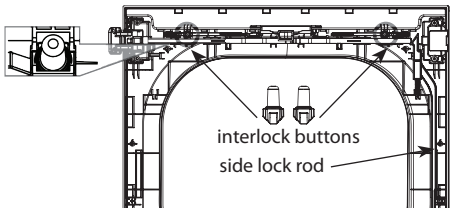
Hole plug



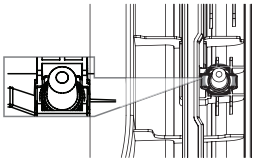
lower hinge assembly

Reversing the Door (continued)

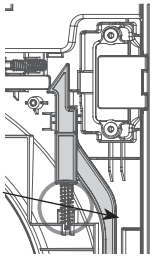
7. Lift out the two top interlock buttons.
Lift out the two grey interlock buttons from the top of the outer door and set them aside for later use.



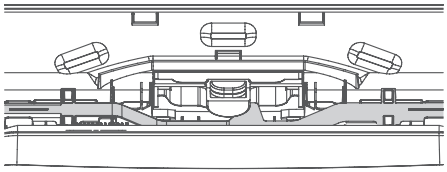
8. Lift out the grey interlock button in the side of the door.
Make sure to remove the spring with the interlock button and to keep the two together. Set the interlock button aside. Do not confuse with interlock buttons from the top of the outer door.



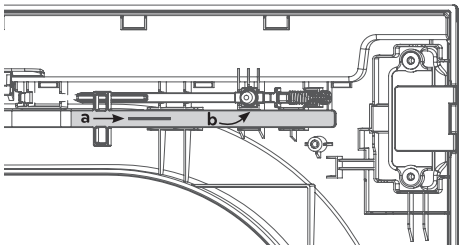
9. Remove the side lock rod.
Remove the side lock rod from the lower hinge bracket by lifting the top end of the rod and sliding it toward the top of the door. The spring should remain attached to the lock rod. Set the lock rod aside.



10. Remove the top lock rod.



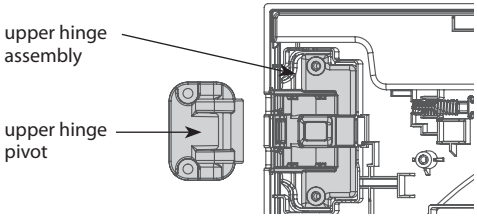
a. Slide the lock rod to the right to remove it from the hinge assembly on the left side.



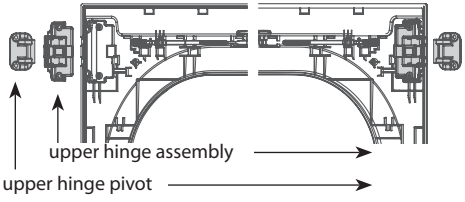
b. While sliding the lock rod right, lift the right end up and out of the guides.

> **NOTE**
> Do not remove the two inner lock rods (see page 17) located underneath the top lock rod. They do NOT need to be reversed

11. Remove the upper hinge pivot.
Once the top lock rod has been removed, the hinge pivot can easily be removed from the hinge assembly on the upper left and set aside.

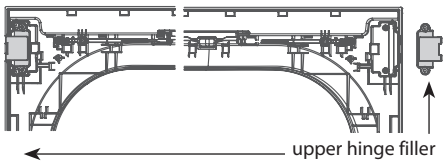


12. Reverse the upper hinge assembly and hinge filler.
Lift out the upper hinge filler (on the right) and set it aside.
Carefully lift the upper hinge assembly (on the left) out of the outer door frame, using a small flat blade screwdriver if necessary. Rotate the hinge assembly 180 degrees and install it on the upper right side of the outer door. You will need to press firmly to install the hinge assembly.
The hinge pivot removed in step 11 will be installed later.



Reversing the Door (continued)

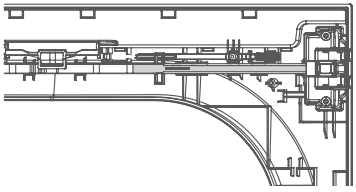
Now rotate the hinge filler 180 degrees and install it on the upper left side of the door.



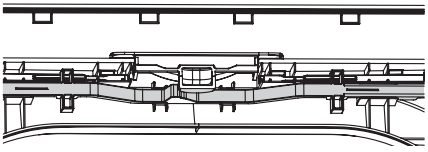
13. Reinstall the top lock rod.

Rotate the top lock rod (removed in step 10) 180 degrees end for end from its original position and reinstall it. The spring should now be to the right of center, with the spring on the side of the rod facing the top of the door.

a. Insert the right end of the lock rod into the right hinge assembly. Make sure the rod is aligned with the guides in the door panel.

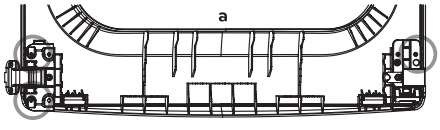


b. Lower the rod into position, sliding it to bypass the center handle, making sure to align the lock rod with the guides all the way across the door panel. When released, the lock rod should slide completely into the hinge assembly on the right. Slide the lock rod back and forth to make sure it is correctly positioned in the guides and slides easily.

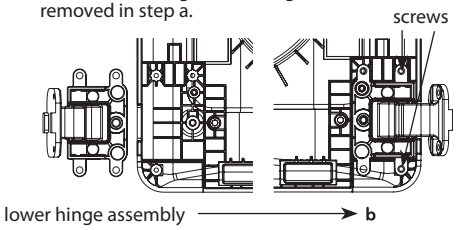


14. Reverse the lower hinge bracket and hinge assembly.

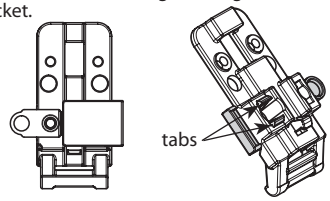
a. Remove the screw from the lower hinge bracket (on the right) and lift the hinge bracket out. Set it aside. Remove the two screws from the lower hinge assembly on the bottom left and lift the hinge assembly out.



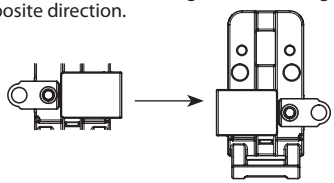
b. Rotate the lower hinge assembly 180 degrees and install it on the right side using the two screws removed in step a.



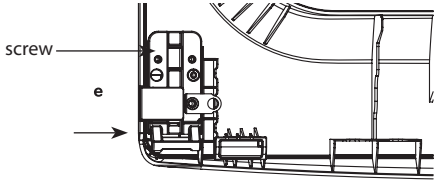
c. Flip over the lower hinge bracket and release the tabs on the back locking the hinge filler to the hinge bracket.



d. Rotate the hinge filler 180 degrees and snap it back onto the FRONT of the hinge bracket facing in the opposite direction.

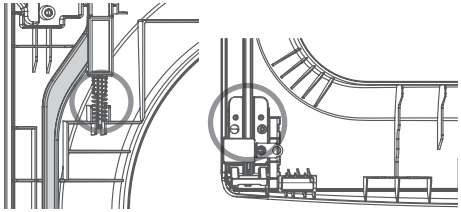


e. Mount the lower hinge bracket and the filler on the left side of the door with the screw removed in step a.



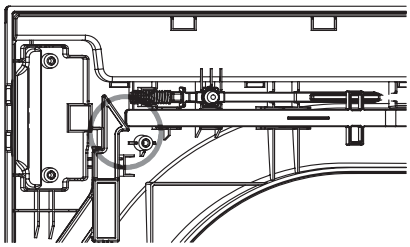
15. Install the side lock rod.

Flip the side lock rod over and install it on the opposite side. Insert the lower end into the left hinge and lower the rod into the guides on the door while compressing the spring inside the recess.

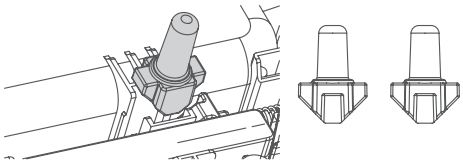


Reversing the Door (continued)

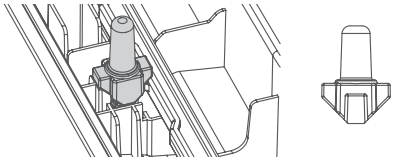
Make sure the top of the side lock rod is beside the top lock rod and the two do not overlap each other, so the two rods can interact correctly. If they are not aligned properly, the door will not operate properly.



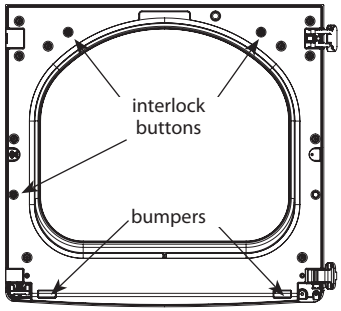
16. Reinstall the top interlock buttons.
Reinstall the top gray interlock buttons removed in step 7, one on each side of the outer door panel.



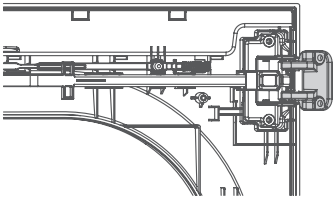
17. Reinstall the side interlock button.
Reinstall the side interlock button removed in step 8. Center the spring in the compartment and insert the interlock button on top of it.



18. Reinstall the door cover.
Clean the glass on the door and door cover, if necessary.
Make sure the three gray interlock buttons are properly installed and that the top and side lock rods are properly aligned where they meet. Carefully lower the door cover into place, aligning the holes in the cover with the interlock buttons on the top and side and the bumpers on the bottom. Take care not to dislodge the lock rods while mounting the door cover. Once the door cover is in place, secure it with the 12 screws removed in step 4.
The ten similar screws go around the top and sides of the door cover. Make sure to install the two different screws on the bottom edge, in the locations marked below



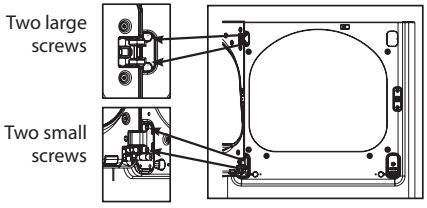
19. Now, pick up the upper hinge pivot removed earlier and rotate it 180 degrees. Press in the side interlock button on the left side and hold it down while you press the hinge pivot into the hinge assembly on the top right side. If the door has been reassembled correctly, the lock rod will slide back easily and lock the pivot in place. The door is now ready to remount on the opposite side of the dryer.



⚠WARNING

Be sure to support the weight of the door before installing the hinge screws.

20. Reinstall the door.
While supporting the door, install the four hinge screws removed in step 2. Test the swing of the door to make sure the hinges and latch are properly aligned and that the door opens, closes and latches properly in both directions.



If the door doesn't operate smoothly, remove the door and then the door cover to check that the lock rods and interlock buttons are properly mounted and aligned. The interlock buttons should be oriented correctly and operating smoothly. The interlock rods should be in the proper position and should not overlap at the contact point. (See steps 13-15.)
If the door is damaged, or if the door does not work after reassembly, contact the call center at 1-800-243-0000.

Installing the Side Vent Kit

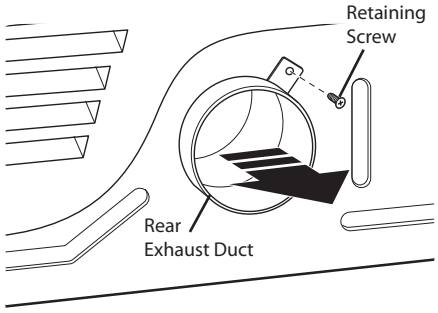
⚠WARNING

- **Use a heavy metal vent.**
- **Do not use plastic or thin foil duct.**
- **Clean old ducts before installing this dryer.**
- **To reduce the risk of injury to persons, adhere to all industry recommended safety procedures including the use of long sleeved gloves and safety glasses.**
- Failure to follow all of the safety warnings in this manual could result in property damage, injury to persons, or death.

Your new dryer is shipped to vent to the rear. It can also be configured to vent to the bottom or side (right-side venting is not available on gas models).

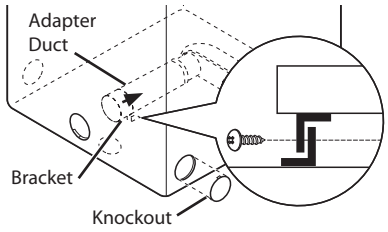
An adapter kit, part number 383EEL9001B, may be purchased from your LG retailer. This kit contains the necessary duct components to change the dryer vent location.

1. Remove the rear exhaust duct retaining screw. Pull out the exhaust duct.

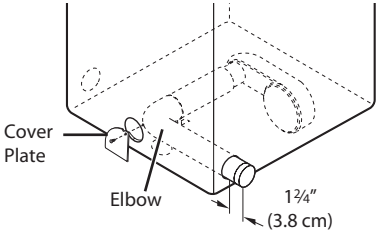


OPTION 1: SIDE VENTING

2. Press the tabs on the knockout and carefully remove the knockout for the desired vent opening (right-side venting is not available on gas models). Press the adapter duct onto the blower housing and secure to the base of the dryer as shown.

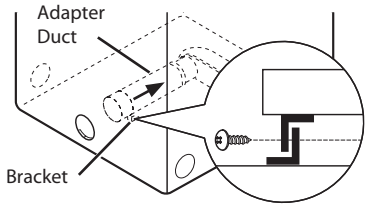


3. Preassemble a 4-inch (10.2 cm) elbow to the next 4-inch (10.2 cm) duct section, and secure all joints with duct tape. Be sure that the male end of the elbow faces AWAY from the dryer. Insert the elbow/duct assembly through the side opening and press it onto the adapter duct. Secure it in place with duct tape. Be sure that the male end of the duct protrudes 1¾ inches (3.8 cm) to connect the remaining ductwork. Attach the cover plate to the back of the dryer with the included screw.

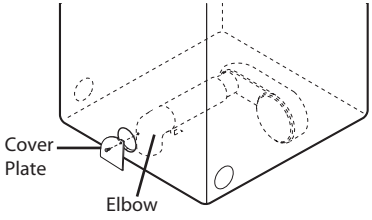


OPTION 2: BOTTOM VENTING

2. Press the adapter duct onto the blower housing and secure to the base of the dryer as shown.



3. Insert the 4-inch (10.2 cm) elbow through the rear opening and press it onto the adapter duct. Be sure that the male end of the elbow faces down through the hole in the bottom of the dryer. Secure it in place with duct tape. Attach the cover plate to the back of the dryer with the included screw.



Venting the Dryer

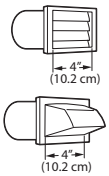
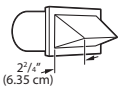
⚠WARNING

To reduce the risk of fire, electric shock, or injury to persons when using this appliance, follow basic precautions, including the following:

- **Do not crush or collapse ductwork.** Failure to follow these instructions can result in fire or death.
- **Do not allow ductwork to rest on or contact sharp objects.** Failure to follow these instructions can result in fire or death.
- **If connecting to existing ductwork, make sure it is suitable and clean before installing the dryer.** Failure to follow these instructions can result in fire or death.
- **Venting must conform to local building codes.** Failure to follow these instructions can result in fire or death.
- **Gas dryers MUST exhaust to the outdoors.** Failure to follow these instructions can result in fire or death.
- **Use only 4-inch (10.2 cm) rigid, semi-rigid, or flexible metal ductwork inside the dryer cabinet and for venting outside.** Failure to follow these instructions can result in fire or death.
- **To reduce the risk of fire, combustion, or accumulation of combustible gases, DO NOT exhaust dryer air into an enclosed and unventilated area, such as an attic, wall, ceiling, crawl space, chimney, gas vent, or concealed space of a building.** Failure to follow these instructions can result in fire or death.
- **To reduce the risk of fire, DO NOT exhaust the dryer with plastic or thin foil ducting.** Failure to follow these instructions can result in fire or death.
- **The exhaust duct must be 4 inches (10.2 cm) in diameter with no obstructions. The exhaust duct should be kept as short as possible. Make sure to clean any old ducts before installing your new dryer.** Failure to follow these instructions can result in fire or death.
- **Rigid, semi-rigid, or flexible metal ducting is recommended for use between the dryer and the wall. All non-rigid metal transition duct must be UL-listed. Use of other materials for transition ducting could affect drying time.** Failure to follow these instructions can result in fire or death.
- **DO NOT use sheet metal screws or other fasteners which extend into the duct that could catch lint and reduce the effi ciency of the exhaust system. Secure all joints with duct tape.** Failure to follow these instructions can result in fire or death.
- **Ductwork is not provided with the dryer. You should obtain the necessary ductwork locally. The end cap should have hinged dampers to prevent backdraft when the dryer is not in use.** Failure to follow these instructions can result in fire or death.
- **The total length of flexible metal duct shall not exceed 8 ft. (2.4 m).**
- **In Canada, only those foil-type flexible ducts, if any, specifically identified for use with the appliance by the manufacturer shall be used.** In the United States, only those foil-type flexible ducts, if any, specifically identified for use with the appliance by the manufacturer and that comply with the Outline for Clothes Dryer Transition Duct, Subject 2158A, shall be used.

Venting the Dryer (cont.)

Ductwork

Wall Cap Type	Number Of 90° Elbows	Maximum Length Of 4-inch Diameter Rigid Metal Duct
Recommended 	0	65 ft. (19.8 m)
	1	55 ft. (16.8 m)
	2	47 ft. (14.3 m)
	3	36 ft. (11.0 m)
	4	28 ft. (8.5 m)
Use only for short run installations 	0	55 ft. (16.8 m)
	1	47 ft. (14.3 m)
	2	41 ft. (12.5 m)
	3	30 ft. (9.1 m)
	4	22 ft. (6.7 m)

NOTE

Deduct 6 ft. (1.8 m) for each additional elbow. It is not recommended to use more than four 90° elbows.

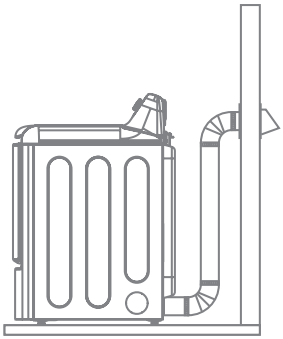
Routing and Connecting Ductwork

NOTE

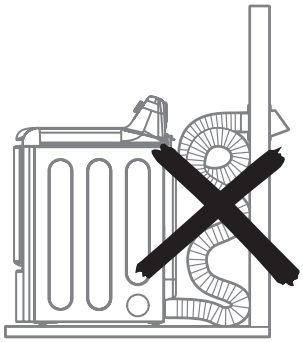
Follow the guidelines below to maximize drying performance and reduce lint buildup and condensation in the ductwork.
Ductwork and fittings are NOT included and must be purchased separately.

- Use 4-inch (10.2 cm) diameter rigid, semi-rigid, or flexible metal ductwork.
- The exhaust duct run should be as short as possible.
- Use as few elbow joints as possible.
- The male end of each section of exhaust duct must point away from the dryer.
- Use duct tape on all duct joints.
- Insulate ductwork that runs through unheated areas in order to reduce condensation and lint buildup on duct surfaces.
- Incorrect or inadequate exhaust systems are not covered by the dryer warranty. Failures or poor performance caused by such exhaust systems will not be covered by the dryer warranty.

Correct Venting



Incorrect Venting



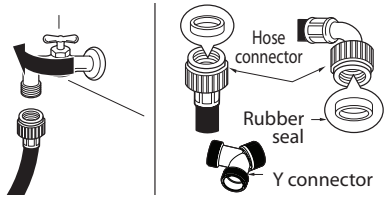
Connecting the Inlet Hose

The dryer must be connected to the cold water tap using the new water supply hose. Do not reuse old hoses.

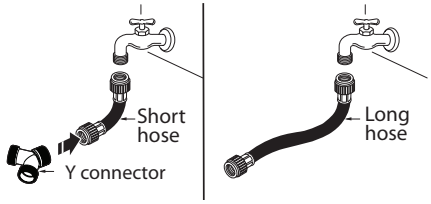
NOTE

- Water supply pressure must be between 20 psi and 120 psi (138–827 kPa).
- Do not strip or cross-thread when connecting inlet hose to the valve.
- If the water supply pressure is more than 120 psi (827 kPa), a pressure reducing valve must be installed.
- Periodically check the condition of the hose and replace the hose if necessary.
- Replace inlet hoses after five years of use to reduce the risk of hose failure.
- Record hose installation or replacement dates on the hoses for future reference.

1. Check the rubber seal in the inlet hose. Two rubber seals are supplied with each inlet hose. They are used for preventing water leaks. Make sure the connection to the cold water tap is tight.



2. Check the installation type.



Connect all water supply hoses tightly by hand and then tighten another 2/3 turn with pliers.

WITH WASHER: When connecting the dryer to the same faucet as a washer.

a. Shut off the cold water tap and remove the washer hose.

b. Connect the short hose to the Y-connector using one of the rubber seals.

c. Connect the other end of the short hose to the cold water faucet.

d. Connect the long dryer hose to one side of theY-connector and connect the washer hose to the other side.

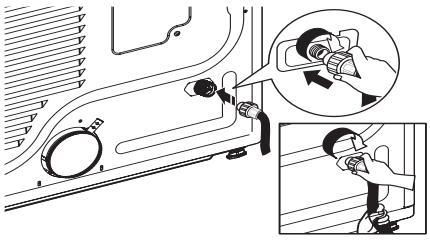
WITHOUT WASHER: If the dryer does not share the cold water tap with a washer.

a. Connect the straight end of the long hose to the cold water faucet.

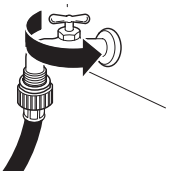
NOTE

- Before connecting the water line to the dryer, flush several gallons of water into a drain or bucket. This will help prevent foreign particles such as sand and scale from clogging the dryer inlet valve.
- Do not overtighten. Damage to the coupling can result.

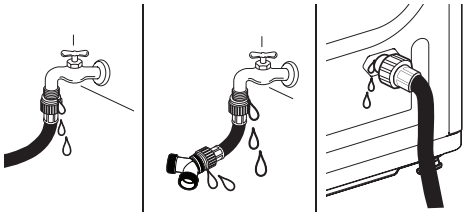
3. Connect the hose to the dryer.
- Connect the water supply hose to the dryer inlet valve tightly by hand and then tighten another 2/3 turn with pliers.
  Make sure that there are no kinks in the hoses and that they are not crushed.



4. Turn on the cold water faucet.



5. Check for leaks at the Y-connector (if used) and in all hoses.



NOTE

- If any leaks are found, shut off the water faucet, remove the hose and check the condition of the rubber seals.

Connecting Gas Dryers

⚠WARNING

To reduce the risk of fire, electric shock, or injury to persons when using this appliance, follow basic precautions, including the following:

- **Gas supply requirements:**
  As shipped from the factory, this dryer is configured for use with natural gas. It can be converted for use with LP (Liquefied Propane) gas. Gas pressure must not exceed 13 inches of water column.
- **A qualified service or gas company technician must connect the dryer to the gas service.** Failure to do so can result in fire, explosion, or death.
- **Isolate the dryer from the gas supply system by closing its individual manual shutoff valve during any pressure testing of the gas supply.** Failure to do so can result in fire, explosion, or death.
- **Supply line requirements:**
  Your laundry room must have a rigid gas supply line to your dryer. In the United States, an individual manual shutoff valve MUST be installed within at least 6 ft. (1.8 m) of the dryer, in accordance with the National Fuel Gas Code ANSI Z223.1 or Canadian gas installation code CSA B149.1. A $^{1}/_{8}$ - inch NPT pipe plug must be installed. Failure to do so can result in fire, explosion, death.
- **If using a rigid pipe, the rigid pipe should be ½ - inch IPS. If acceptable under local codes and ordinances and when acceptable to your gas supplier, $^{3}/_{8}$ - inch approved tubing may be used where lengths are less than 20 ft. (6.1 m). Larger tubing should be used for lengths in excess of 20 ft. (6.1 m).** Failure to do so can result in fire, explosion, or death.
- **Connect the dryer to the type of gas shown on the nameplate.** Failure to do so can result in fire, explosion, or death.
- **To prevent contamination of the gas valve, purge the gas supply of air and sediment before connecting the gas supply to the dryer. Before tightening the connection between the gas supply and the dryer, purge remaining air until the odor of gas is detected.** Failure to do so can result in fire, explosion, or death.
- **DO NOT use an open flame to inspect for gas leaks. Use a noncorrosive leak-detection fluid.** Failure to do so can result in fire, explosion, or death.
- **Use only a new AGA- or CSA-certified gas supply line with flexible stainless steel connectors.** Failure to do so can result in fire, explosion, or death.
- **Securely tighten all gas connections.** Failure to do so can result in fire, explosion, or death.
- **DO NOT attempt any disassembly of the dryer; any disassembly requires the attention and tools of an authorized and qualified service person or company.** Failure to do so can result in fire, explosion, or death.
- **Use a pipe-joint compound that is insoluble in Liquefied Petroleum (LP) gas on all pipe threads.** Failure to do so can result in fire, explosion, or death.

Electrical requirements for gas models only

⚠WARNING

To reduce the risk of fire, electric shock, or injury to persons when using this appliance, follow basic precautions, including the following:

- **Do not, under any circumstances, cut or remove the third (ground) prong from the power cord.** Failure to follow this warning can result in fire, explosion, or death.
- **For personal safety, this dryer must be properly grounded.** Failure to follow this warning can result in fire, explosion, or death.
- **The power cord of this dryer is equipped with a 3-prong (grounding) plug which mates with a standard 3-prong (grounding) wall outlet to minimize the possibility of electric shock hazard from this appliance.** Failure to follow this warning can result in fire, explosion, or death.
- **This dryer must be plugged into a 60 Hz, 120 VAC, grounded outlet protected by a 15-ampere fuse or circuit breaker.** Failure to follow this warning can result in fire, explosion, or death.
- **Where a standard 2-prong wall outlet is encountered, it is your personal responsibility and obligation to have it replaced with a properly grounded 3-prong wall outlet.** Failure to follow this warning can result in fire, explosion, or death.

Connecting Gas Dryers (cont.)

⚠WARNING

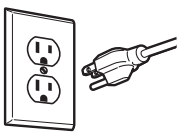
To reduce the risk of fire, electric shock, or injury to persons when using this appliance, follow basic precautions, including the following:

- **Installation and service must be performed by a qualified installer, service agency, or the gas supplier.** Failure to do so can result in fire, explosion, or death.
- **Use only a new stainless steel flexible connector and a new AGA-certified connector.** Failure to do so can result in fire, explosion, or death.
- **A gas shutoff valve must be installed within 6 ft. (1.8 m) of the dryer.** Failure to do so can result in fire, explosion, or death.
- **The dryer is configured for Natural Gas when shipped from the factory. Make sure that the dryer is equipped with the correct burner orifice for the type of gas being used (Natural Gas or Liquefied Petroleum).** Failure to do so can result in fire, explosion, or death.
- **If necessary, the correct orifice (For the LP orifice kit, order part number 383EEL3002D) should be installed by a qualified technician and the change should be noted on the dryer.** Failure to do so can result in fire, explosion, or death.
- **All connections must be in accordance with local codes and regulations**. Failure to do so can result in fire, explosion, or death.
- **Gas dryers MUST exhaust to the outdoors.** Failure to do so can result in fire, explosion, or death.

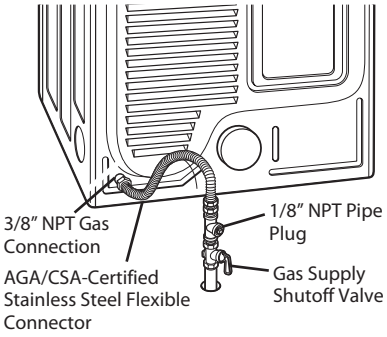
Connecting the gas supply

1. Make sure that the gas supply to the laundry room is turned OFF. Confirm that the type of gas available in your laundry room is appropriate for the dryer. The dryer is prepared for Natural Gas with a $^{3}/_{8}$ - inch NPT gas connection.
2. Remove the shipping cap from the gas connection at the back of the dryer. Be careful not to damage the threads of the gas connector when removing the shipping cap.
3. Connect the dryer to your laundry room's gas supply using a new flexible stainless steel connector with a $^{3}/_{8}$ - inch NPT fitting.
4. Securely tighten all connections between the dryer and your laundry room's gas supply. Turn on your laundry room's gas supply and check all pipe connections (both internal and external) for gas leaks with a noncorrosive leak-detection fluid.

Electrical connection



Plug dryer into a **120 VAC, 60 Hz** grounded 3-prong outlet.



High-altitude installations

The BTU rating of this dryer is AGA-certified for elevations below 10,000 feet.

If your gas dryer is being installed at an elevation above 10,000 feet, it must be derated by a qualified technician or gas supplier.

Connecting Electric Dryers

⚠WARNING

To help prevent fire, electric shock, serious injury, or death, the wiring and grounding must conform to the latest edition of the National Electrical Code, ANSI/NFPA 70 and all applicable local regulations. Please contact a qualified electrician to check your home's wiring and fuses to ensure that your home has adequate electrical power to operate the dryer.

Electrical requirements for electric models only

⚠WARNING

To reduce the risk of fire, electric shock, or injury to persons when using this appliance, follow basic precautions, including the following:

- **This dryer must be connected to a grounded metal, permanent wiring system, or an equipment-grounding conductor must be run with the circuit conductors and connected to the equipment-grounding terminal or lead on the dryer.** Failure to do so can result in fire, explosion, or death.
- **The dryer has its own terminal block that must be connected to a separate 230 VAC, 60-Hertz, single-phase circuit, fused at 30 amperes (the circuit must be fused on both sides of the line). ELECTRICAL SERVICE FOR THE DRYER SHOULD BE OF THE MAXIMUM RATE VOLTAGE LISTED ON THE NAMEPLATE. DO NOT CONNECT DRYER TO 110-, 115-, OR 120-VOLT CIRCUIT.** Failure to follow these instructions can result in fire, explosion, or death.
- **If branch circuit to dryer is 15 ft. (4.5 m) or less in length, use UL (Underwriters Laboratories) listed No.-10 AWG wire (copper wire only), or as required by local codes. If over 15 ft. (4.5 m), use UL-listed No.-8 AWG wire (copper wire only), or as required by local codes. Allow sufficient slack in wiring so dryer can be moved from its normal location when necessary.** Failure to do so can result in fire, explosion, or death.
- **The power cord (pigtail) connection between wall receptacle and dryer terminal block IS NOT supplied with dryer. Type of pigtail and gauge of wire must conform to local codes and with instructions on the following pages.** Failure to follow these instructions can result in fire, explosion, or death.
- **A 4-wire connection is required for all mobile and manufactured home installations, as well as all new construction after January 1, 1996. A 4-wire connection must be used where local codes do not permit grounding through the neutral wire.** Failure to do so can result in fire, explosion, or death.

⚠WARNING

To reduce the risk of fire, electric shock, or injury to persons when using this appliance, follow basic precautions, including the following:

- **Do not modify the plug and internal wire provided with the dryer.**
- **The dryer should be connected to 4-hole outlet.**
- **If it does not fit the outlet, a proper outlet will need to be installed by a qualified electrician.**

⚠WARNING

To reduce the risk of fire, electric shock, or injury to persons when using this appliance, follow basic precautions, including the following:

- **Any installation in a manufactured or mobile home must comply with the Manufactured Home Construction and Safety Standards Title 24 CFR, Part 3280 or Standard CAN/ CSA Z240 MH and local codes and ordinances.**
- **A 4-wire connection is required for all mobile and manufactured home installations, as well as all new construction after January 1, 1996.** Failure to do so can result in fire, explosion, or death.

Special Requirements for Manufactured or Mobile Homes

Any installation in a manufactured or mobile home must comply with the Manufactured Home Construction and Safety Standards Title 24 CFR, Part 3280 or Standard CAN/CSA Z240 MH and local codes and ordinances. If you are uncertain whether your proposed installation will comply with these standards, please contact a service and installation professional for assistance.

- A gas dryer must be permanently attached to the floor.
- The electrical connection for an electric dryer must be a 4-wire connection. More detailed information concerning the electrical connection is provided in the section Connecting Electric Dryers.
- To reduce the risk of combustion and fire, the dryer must be vented to the outside.
- DO NOT vent the dryer under a manufactured home or mobile home.
- Electric dryers may be vented to the outside using the back, left, right, or bottom panel.
- Gas dryers may be vented to the outside using the back, left, or bottom panel. Gas dryers may not be vented to the outside using the right side panel because of the burner housing.
- The dryer exhaust duct must be affixed securely to the manufactured or mobile home structure, and the exhaust duct must be made of a material that will resist fire and combustion.
  It is recommended that you use a rigid, semi-rigid, or flexible metal duct.
- DO NOT connect the dryer exhaust duct to any other duct, vent, chimney, or other exhaust duct.
- Make sure the dryer has adequate access to outside fresh air to ensure proper operation. The opening for outside fresh air must be at least 25 in^2 (163 cm^2).
- It is important that the clearance of the duct from any combustible construction be at least 2 inches (5 cm), and when venting the dryer to the outdoors, the dryer can be installed with a clearance of 1 inch (2.5 cm) at the sides and back of the dryer.
- Please be aware that venting materials are not supplied with the dryer. You should obtain the venting materials necessary for proper installation.

Final Installation Check

Once you have completed the installation of the dryer and it is in its final location, confirm proper operation with the following tests and Installation Test (Duct Check) on the following page.

Testing dryer heating

GAS MODELS
Close the dryer door, press the On/Off button to turn the dryer on, and start the dryer on a heat setting.
When the dryer starts, the igniter should ignite the main burner.

> **NOTE**
> If all air is not purged from the gas line, the gas igniter may turn off before the main burner ignites. If this happens, the igniter will reattempt gas ignition after approximately two minutes.

ELECTRIC MODELS
Close the dryer door, press the On/Off button to turn the dryer on, and start the dryer on a heat setting. The exhaust air should be warm after the dryer has been operating for 3 minutes.

Checking airflow
Effective dryer operation requires proper airflow.
The adequacy of the airflow can be measured by evaluating the static pressure. Static pressure in the exhaust duct can be measured with a manometer, placed on the exhaust duct approximately 2 ft. (60.9 cm) from the dryer.
Static pressure in the exhaust duct should not exceed 0.6 inches (1.5 cm). The dryer should be checked while the dryer is running with no load.

Checking levelness
Once the dryer is in its final location, recheck the dryer to be sure it is level. Make sure it is level front to back and side to side, and that all 4 leveling feet are firmly on the floor.

Installation Test (Duct check)

Once you have completed the installation of the dryer, use this test to make sure the condition of the exhaust system is adequate for proper operation of the dryer. This test should be performed to alert you to any serious problems in the exhaust system of your home.

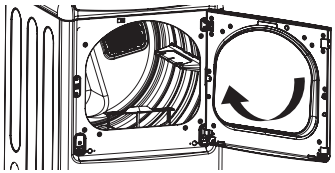
- Your dryer features Flow Sense™, an innovative sensing system that automatically detects blockages and restrictions in dryer ductwork. Keeping ductwork clean of lint buildup and free of restrictions allows clothes to dry faster and reduces energy use.

NOTE

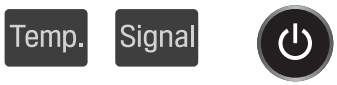
The dryer should be cool before starting this test. If the dryer was warmed up during installation, run the Air Dry cycle for a few minutes to reduce the interior temperature.

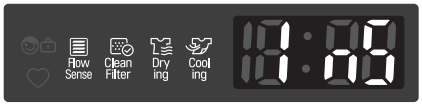
To activate the installation test:

1. **Remove the literature, and then close the door.**
   Do not load anything in the drum for this test, as in may affect the accuracy of the results.



2. **After you are pressed of Power button, you will press and hold the Temp. and Signal buttons in 0.5 seconds.**
   This button sequence activates the installation test. The code `InS` will display if the activation is successful.





3. **Press Start/Pause button.**
   The dryer will start the test, which will last about two minutes. The heat will be turned on and the temperatures in the drum will be measured.

4. **Check the display for results.**
   During the three minute test cycle, monitor the Flow Sense™ display on the control panel. If no bars are displayed, when the cycle ends, the exhaust system is adequate. If the exhaust system is severely restricted, the display will show four bars. Other problems may also be shown with error codes. Refer to the next page for error code details and solutions.

No Bars: Ok

Four Bars: Restricted

Four bars indicates that the exhaust system is severely restricted. Have the system checked immediately, as performance will be poor.

5. **End of cycle.**
   At the end of the test cycle, `End` will display. The test cycle will end and the dryer will shut off automatically after a short delay.

Installation Test (Duct check) (cont.)

• Check the error code before you call for service

Error Code	Possible Causes	Solutions
tE1 *or* **tE2**	• Temperature sensor failure	• Turn off the dryer and call for service.
HS	• Humidity sensor failure.	• Turn off the dryer and call for service.
PS *or* **PF** *or* **nP**	• Electric dryer power cord is not connected correctly, or house power supply is incorrect. • House fuse is blown, circuit breaker has tripped, or power outage has occurred.	• Check the power supply or the connection of power cord to the terminal block. Refer to the **Connecting electric dryers** section of this manual for complete instructions. • Reset circuit breaker or replace fuse. Do not increase the fuse capacity. If the problem is a circuit overload, have it corrected by a qualified electrician.

• **Check the duct condition**
If the test displays four bars, check the exhaust system for restrictions and damage. Repair or replace the exhaust system as needed.

NOTE

When the dryer is first installed, this test should be performed to alert you to any existing problems with the exhaust duct in your home. However, since the test performed during normal operation provides more accurate information on the condition of the exhaust duct than does the installation test, the number of bars displayed during the two tests may not be the same.

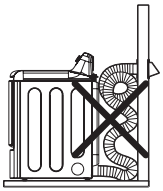
Do not interrupt the test cycle, as this could result in the wrong results.

Even if no bars are displayed during the test cycle, some restrictions may still be present in the exhaust system. Refer to the **Venting the Dryer** section of this manual for complete exhaust system and venting requirements.

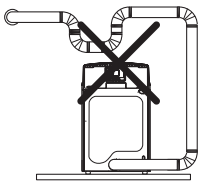
Your dryer features Flow Sense™, an innovative sensing system that automatically detects blockages and restrictions in dryer ductwork. Keeping ductwork clean of lint buildup and free of restrictions allows clothes to dry faster and reduces energy use.

Restricted or blocked airflow

Avoid long runs or runs with multiple elbows or bends.

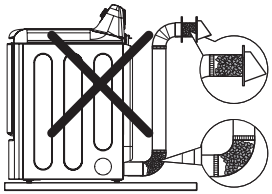


Excess or crushed transition duct



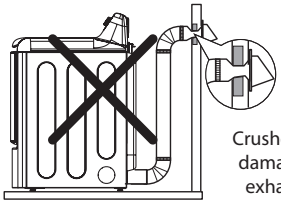
Too many elbows or exhaust too long

Check for blockages and lint buildup.



Lint buildup or blockage

Make sure the ductwork is not crushed or restricted.



Crushed or damaged exhaust