Contents - Installation

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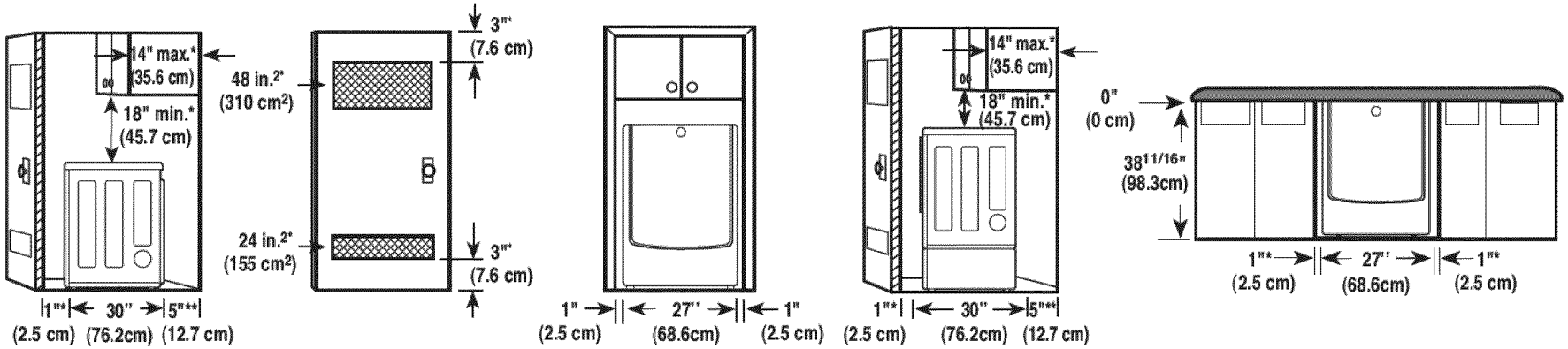
A. Clearance Requirements.

1. Most installations require a minimum 5 in.(12.7 cm) clearance behind the dryer for the exhaust ducting.
2. Allow minimum clearances of at least 1 in. (2.5 cm) on the sides and back to minimize vibration and noise.
3. Allowing additional clearance for installation and servicing is recommended.
4. Be sure to allow for wall, door, or floor moldings that may increase the required clearances.
5. Allow at least 24 in. (61 cm) in front of the dryer to open the door.

Additional Instructions for closet installations:

- The closet door must allow for sufficient airflow. Refer to the diagram above for minimum vent opening requirements. A louvered door is also acceptable.
- Make sure that there is at least 18 in. (46 cm) clearance above the dryer.

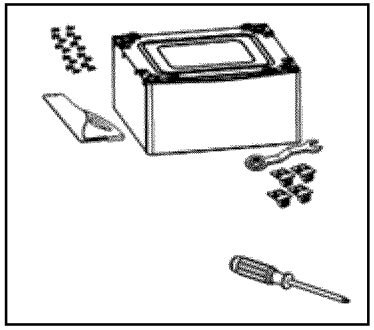
Clearances



B. Pedestal Installation

The pedestal accessory includes:

- Drawer divider (1)
- Wrench (1)
- Screws (18) †
- T-clips (4) ††



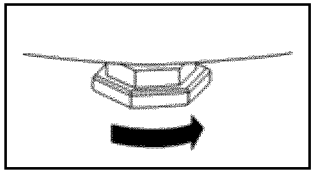
† Dryer installation only uses 8 screws
†† For dryer only

Tools Needed for Installation:

- Phillips screwdriver
- Wrench (supplied)

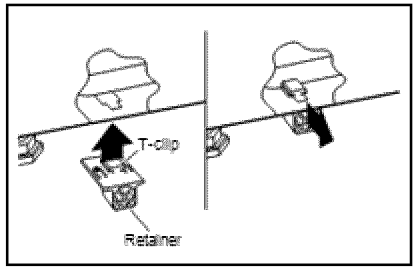
To ensure safe and secure installation, please thoroughly follow the instructions below.

① Make sure the leveling feet of the dryer are fully retracted.
NOTE: The appliance and pedestal assembly must be placed on a solid, sturdy, level floor for proper operation.

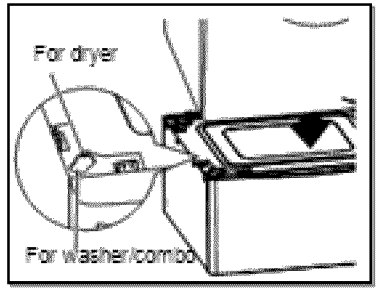


Retract fully

② Insert the T-clip of the 4 retainers into the dryer base as shown. Press up on the back of the clip and pull outward to lock into place.

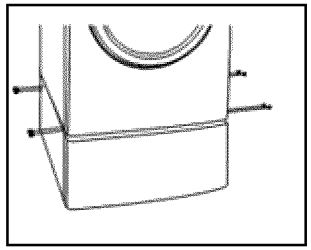


③

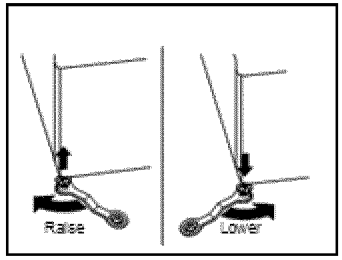


Place the dryer on the pedestal. Make sure the front and back feet are in the correct positions. The dryer feet will fit into the innermost positions as shown.

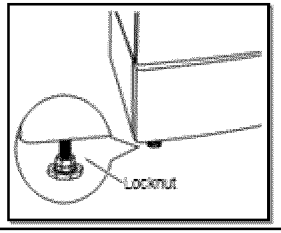
④ Make sure the screws on the pedestal align with the holes in the retainers, then install 4 screws on each side to securely attach the appliance to the pedestal.
NOTE: If the screws are not installed properly, noise and vibration may result.
Move the appliance to the desired location.



⑤ Loosen the locknuts on all 4 leveling feet of the **pedestal** until you can turn them with the wrench. Turn clockwise to raise or counterclockwise to lower until the pedestal is level and all 4 feet are solidly against the floor.



⑥ Securely tighten all locknuts by hand.

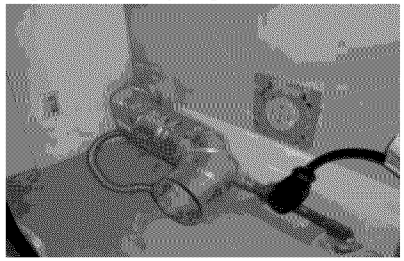


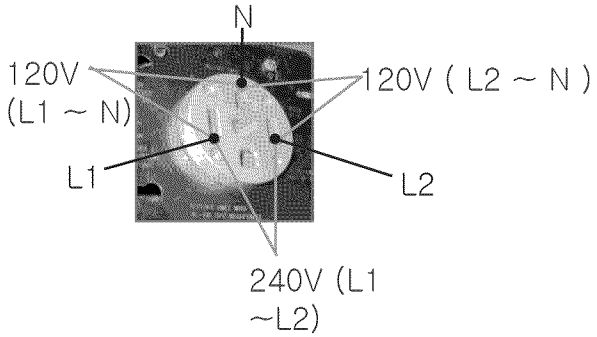
C. Power Requirement 1/3

Power Supply Check

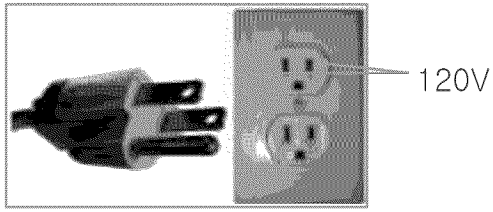
Before install the dryer, check the power supply of the customer's Outlet.
-. Electric Dryer: 240 V, 30 amps.
(Actually uses two dedicated circuit breakers, each 120 V, 15 amps)
-. Gas Dryer: 120 V, 15 amps.

[Electric Dryer]

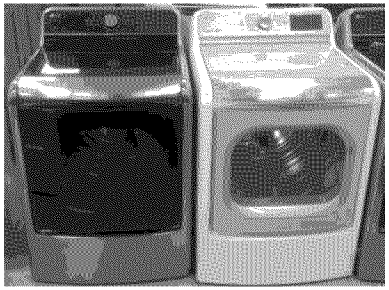




[Gas Dryer]



※ Sometimes the power supply in customer's home isn't connected properly
It caused the dryer working not properly as below.



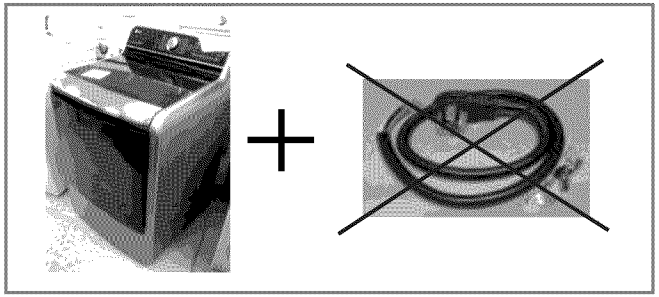
Drum is running
but no heating.
→ Check → L1~ L2
= 200~240V → Heater working.
= 0~120V → Heater not working

No Power on
Drum isn't running
→ Check → L1~ N
= 120V → Power on.
= 0 ~70V → No Power

C. Power Requirement 2/3

Power Cord

The power cord for the dryer DOES NOT come with the appliance.
So, the power cord must be purchased separately.
Instructions for connecting the power cord are listed in the Owner's Manual for each model.



Power-cord doesn't come with the dryer

Power cord must be purchased separately in US.

Canada model comes with power cord.

Can I use Inverter?

NEVER USE AN INVERTER
Even though the inverter claims to output the proper voltage, the power is a square wave and not a tru e sine wave. The difference in these waveforms will destroy the internal components of the machine.
Solar panel arrays also output DC (Direct Current) which is passed through an inverter.
This pseudo-AC is acceptable for lighting but not for operating AC (Alternating Current) motors or ap pliances.

C. Power Requirement 3/3

Can I use alternative power sources such as generators, or other alternative power sources?

Many people who request information concerning electrical specifications (viz. volts, amps, watts, et al.) are really trying to figure out whether they can operate the appliance using their home generator, an inverter, solar panels, or some other alternate electrical power source. These calls are usually related to emergency power or using the product in a vehicle (camper or RV.)
Most home generators output true sine wave AC, and are suitable for use anywhere normal household current is used.
Most generator issues are caused by inadequate capacity; that is, the customer needs a bigger (higher output capacity) generator.

The best advice is to consult the owner's manual for the generator or a qualified electrician.

D. Duct installation 1/3

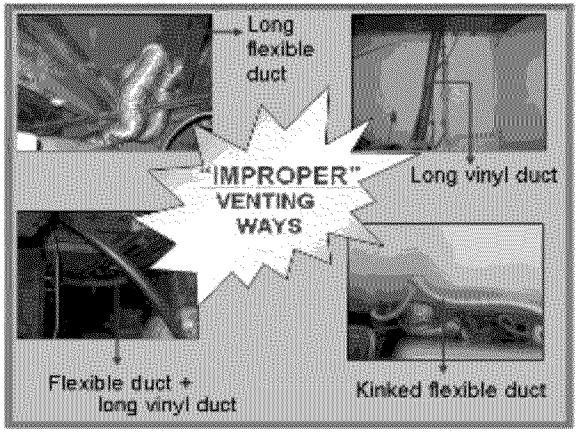
What type of venting is recommended?

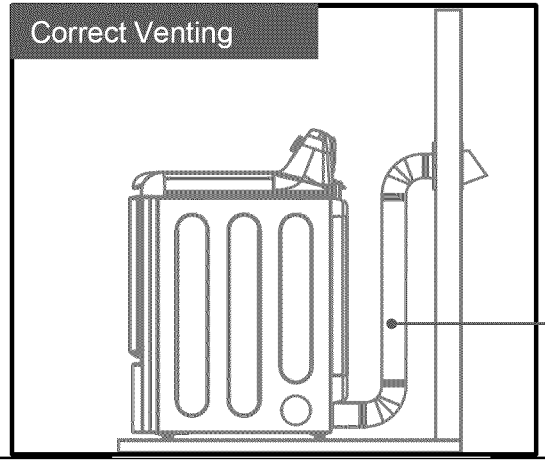
LG recommends RIGID DUCTING or SEMI-RIGID DUCTING for best performance.

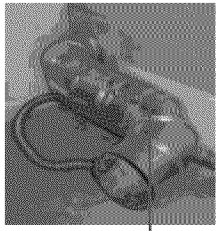
What type of venting should be used from Dryer to Wall?

It recommended for optimum performance to use a rigid duct throughout, however, this can be difficult in certain installations.
In the event that a flexible duct is necessary, it must meet very specific requirements, (OR WARRANTY COULD BE VOIDED):

1. It CAN NOT be foil, plastic or vinyl (METAL ONLY)
2. It must be non-combustible
3. It must be multi-layered, UL Listed
4. It must be kept as short as possible
5. It CAN NOT be kinked or bent up
6. Minimum clearance requirements MUST be maintained
7. Acceptable flexible ducting can not be used once the ducting enters the wall





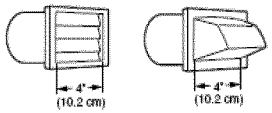
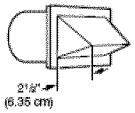


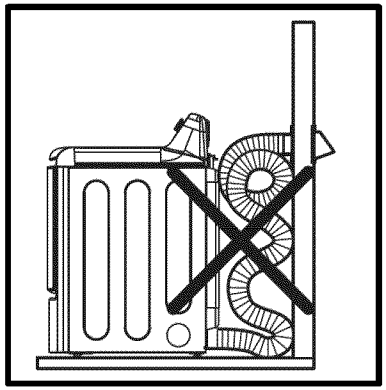
D. Duct installation 2/3

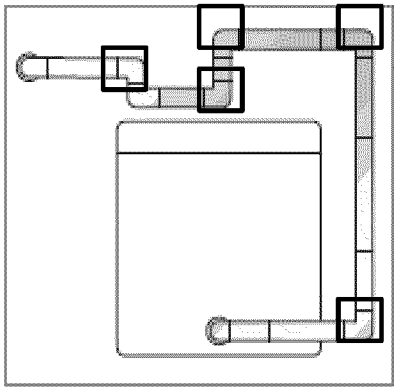
What is the recommended length of the exhaust?

The length of the exhaust ducts must be kept as short as possible. Refer to venting section of this manual.

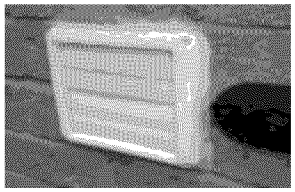
Duct length do not exceed 2.4m (8ft).

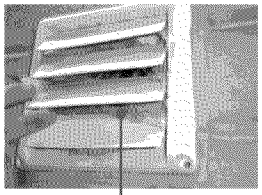
Wall Cap Type	Number of 90° Elbows	Max. Length of 4-In. Dia. Rigid Metal Duct
Recommended 	0	65 ft. (19.8 m)
	1	55 ft. (16.8 m)
	2	47 ft. (13.7 m)
	3	36 ft. (11.0 m)
	4	28 ft. (8.5 m)
Use Only for Short Run Installations 	0	55 ft. (16.8 m)
	1	47 ft. (13.7 m)
	2	41 ft. (12.5 m)
	3	30 ft. (9.1 m)
	4	22 ft. (6.7 m)



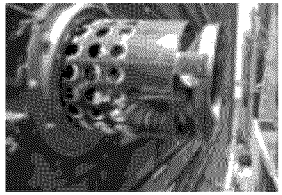


[Type of Wall Cap]

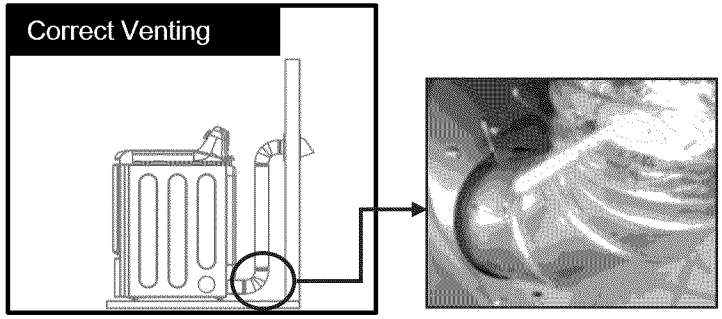




Clean up



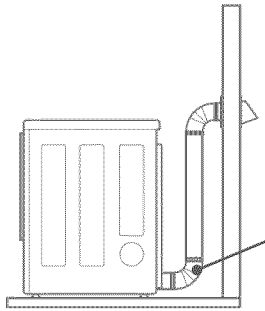
Correct Venting

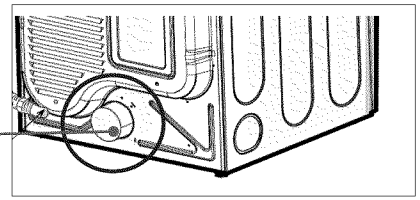


D. Duct installation 3/3

Does LG offer a venting kit
to change direction of the vent?

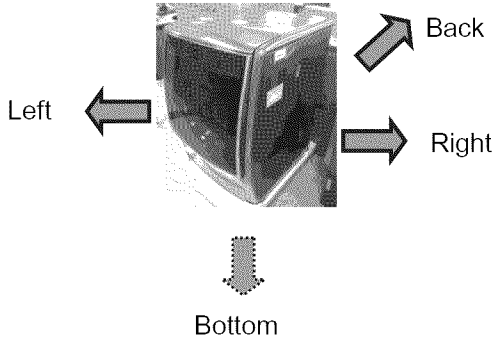
LG Dryers come setup to be vented out the back of the dryer.
A Venting Kit can be purchased through the LG Parts Department.



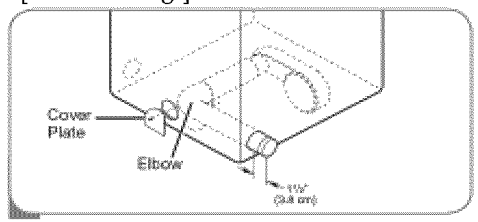


Can the dryer be vented
in any direction?

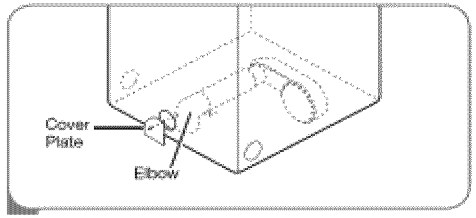
1. Electric dryer
   : Back (standard), Left, Right, Bottom
2. Gas Dryer
   : Back (standard), Left, Bottom
   Can not vent out Right due to gas line.



[Left Venting]



[Bottom Venting]



E. Door Reverse – Remove the door 1/4

Reversing the Door

⚠WARNING

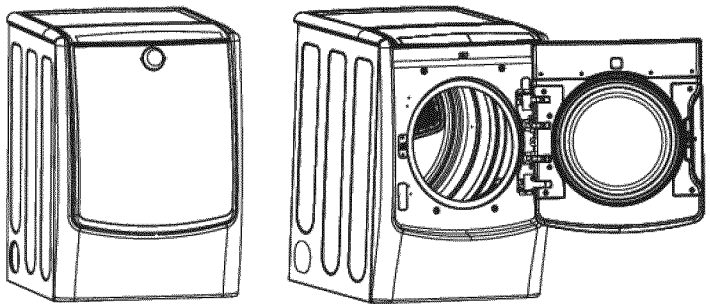
THE DRYER DOOR IS VERY LARGE AND HEAVY. Failure to follow the instructions below can result in damage to the dryer, property damage or injury to persons.

- **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.**
- **Always reverse the door BEFORE stacking the dryer on top of the washer.**
- **Avoid dropping the door to avoid damage to the door or the floor.**

Tools Needed: flat blade screwdriver, Phillips screwdriver

Before Starting

1. Unplug the machine or turn off the power supply at the main circuit before reversing the door. Open the dryer door.

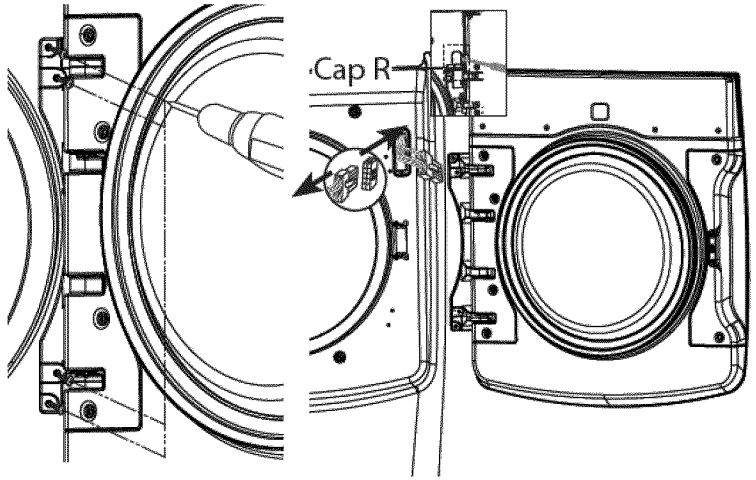


⚠WARNING

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

Removing the Door

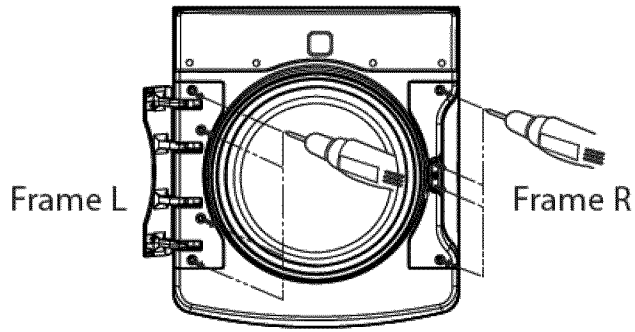
1. While supporting the door, remove the four hinge screws.
2. Carefully pull the door away from the cabinet to reveal the wire harness behind the hinge at the top. Depress the side lock tab to disconnect the wire harness connector. The twist tie and cap should prevent the wire harness from pulling back into the cabinet.
3. Remove the door from the cabinet cover. Set the door face down on a protected work surface.

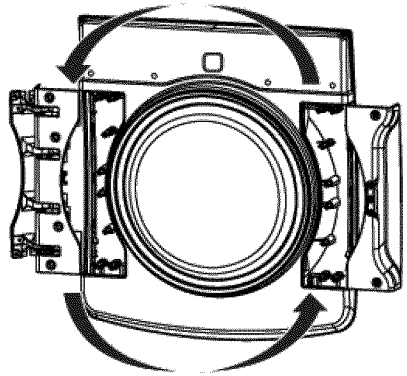


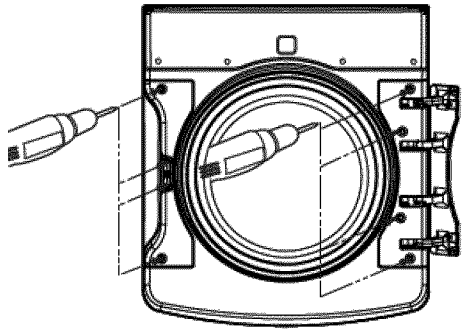
E. Door Reverse – Remove the door 2/4

Reversing the Door's Hinge and Strike

1. Remove the four screws on the right door frame (handle and strike), lift it off, and set the parts aside. (The two center strike screws are longer.)
2. Remove the four screws on the left door frame (hinge assembly).
3. Carefully lift out the hinge assembly, revealing the wire harness connector at the top of the hinge. Depress the side lock tab to disconnect the wire harness connector.
4. Rotate the hinge assembly 180 degrees and connect the wire harness to the connector in the bottom right side of the door.
5. Install the hinge assembly in the recess on the right side of the door, tucking the wire harness in the corner to make room. Insert and tighten the four screws.
6. Rotate the handle removed in step one 180 degrees and install it on the left side of the door using the two shorter screws. Use the longer screws to mount the door strike in the center.



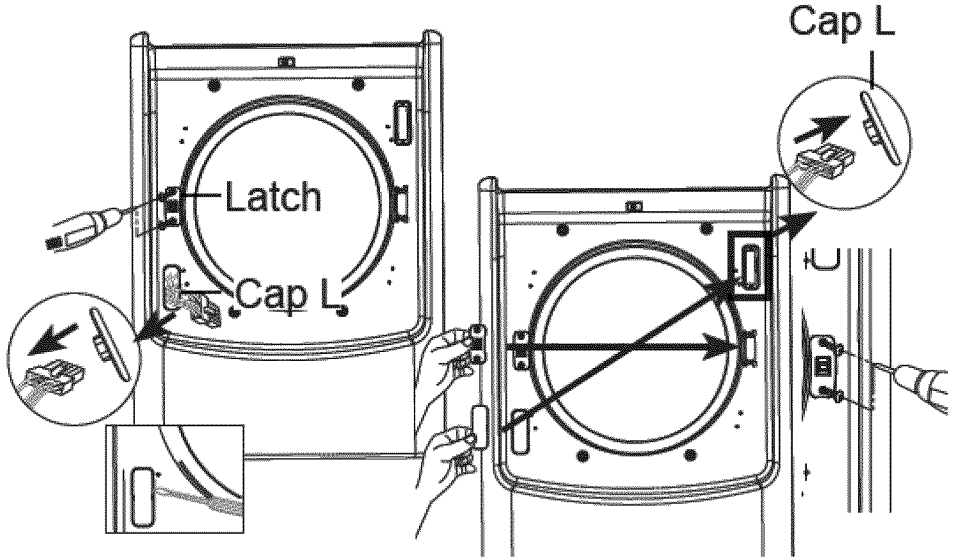




E. Door Reverse – Remove the door 3/4

Reversing the Cabinet Components

1. Remove the two screws and the latch assembly from the left side of the opening.
2. Rotate the latch assembly and remount it on the right side of the opening with the two screws.
3. Switch the two caps. Untie the twist tie and remove the small cap from the side of the wire harness on the top right of the cabinet. Make sure the wire harness does not slip back into the cabinet.
4. Remove the left cap by gently prying it up with a flat blade screwdriver, being careful not to scratch the paint. Disconnect the wire harness attached to the cap by pressing the tabs on either side.
5. Attach the left cap to the wire harness on the top right of the cabinet. Snap the cap into place.
6. Attach the twist tie and the small cap removed in step 1 to the side of the wire harness on the bottom left of the cabinet. The wire harness will be attached to the harness in the door.
7. Unscrew the four decorative screws from the left side of the cabinet and insert them into the matching holes on the right side of the cabinet.



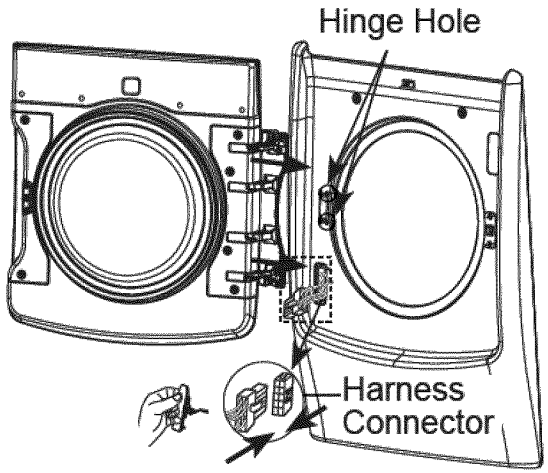
⚠WARNING

Be sure to support the weight of the door while inserting the hinge screws.

E. Door Reverse – Remove the door 4/4

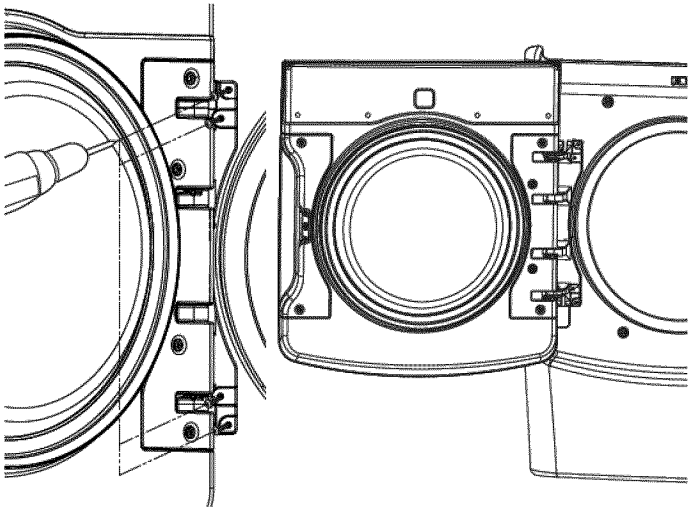
Preparing to Remount the Door

1. While supporting the door, move the door into position with the hinge on the left side.
2. Connect the wire harness from the hinge to the connector on the lower left side of the cabinet.



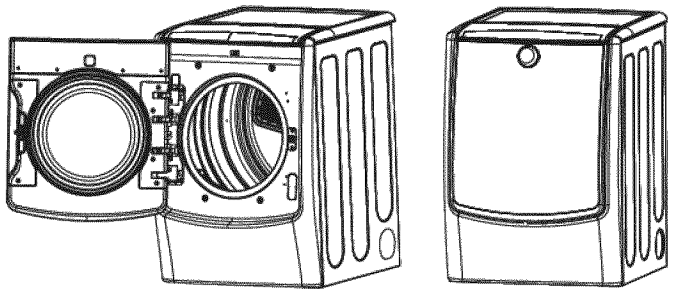
Mounting the Door

1. Align the hinge with the mounting holes.
2. While supporting the door, fasten the four hinge screws.



Final Check

1. Check that the door closes and latches properly.



F. Error Codes 1/4

tE1 (thermister Error 1)

Is “tE1” displayed?

→ This indicates a problem with the thermistor. Unplug unit, press and hol d start/pause button for 5 seconds, plug unit in and try again. If same pr oblem happen again, service will be required. Refer to warranty and ser vice policy.

tE2 (thermister Error 2)

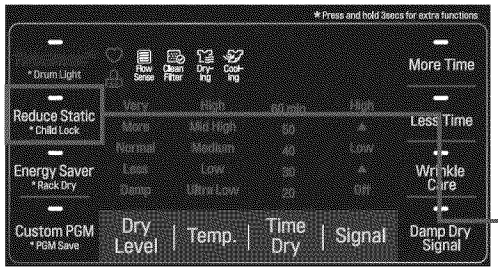
Is “tE2” displayed?

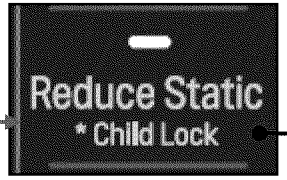
→ This indicates a problem with the thermistor. Unplug unit, press and hol d start/pause button for 5 seconds, plug unit in and try again. If same pr oblem happen again, service will be required. Refer to warranty and ser vice policy.

CL (Child Lock)

Is “CL” displayed?

→ This is NOT AN ERROR CODE. CL indicates that the Child Lock Feature is engaged on the unit. Refer to the Owner’s Manual of the specific model to determine how to disengage this feature. On most models, press and hold “Child Lock” button for three seconds (may vary though).





Press and hold “Child Lock” button for three seconds

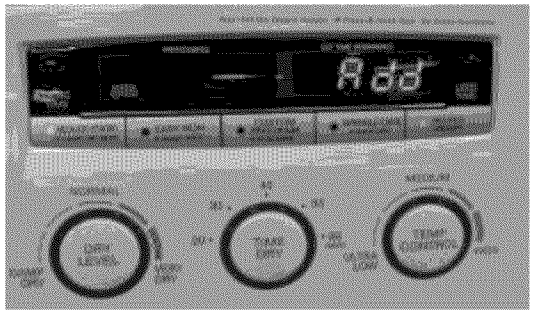
F. Error Codes 2/4

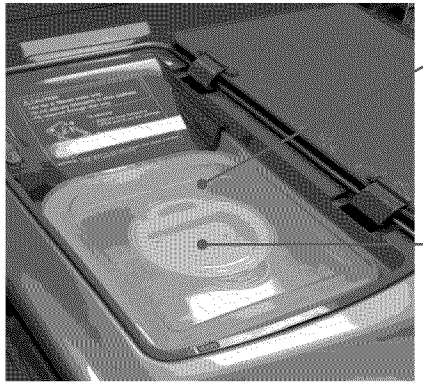
※ NOTE: Not all cycles are available on all models.

Add (Add Water)

Is “Add” or “Add Water” displayed?

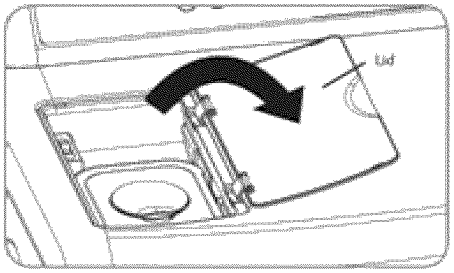
This is Water supply Error.
Before using a Steam Cycle, the steam Feeder must be filled with water up to the MAX line. If not, the “Add” will be displayed. Make sure that the steam feeder is filled with water or the drawer is fully closed.



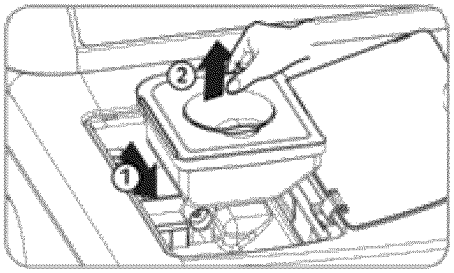


To fill the steam feeder

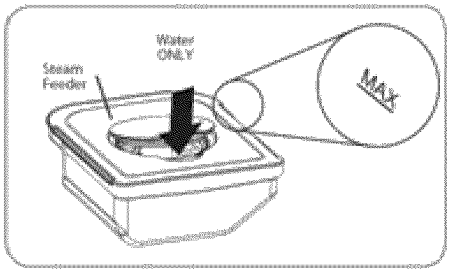
1. Open the Lid



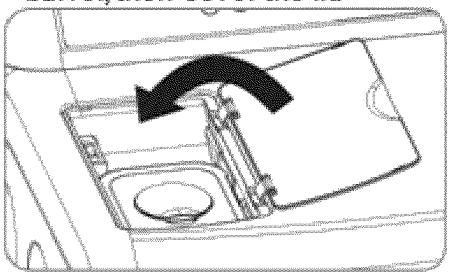
2. Lift out the steam feeder



3. Fill the steam feeder to the MaxLine with water.



4. Place the steam feeder in the square barrel, then cover the lid



F. Error Codes 3/4

nP (No Power)

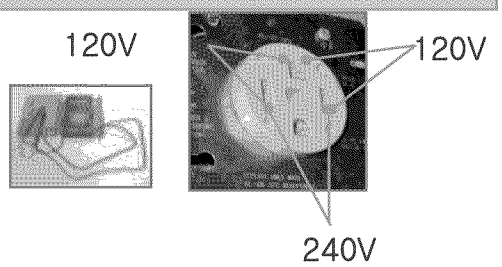
Is "nP" error displayed ?

nP means "No Power". This feature applies to Only DLEX2501.
The message display when the power volts is not applied 240V

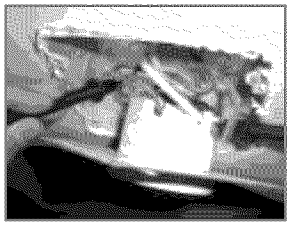
Step #1. Check the concert or main power supply.
Step #2. Check the Terminal block on the back of product

Display shows error code nP	• Thermostat is malfunctioning.	• Turn off the dryer and call for service.

Step #1. Check the outlet (Voltage ±15%)

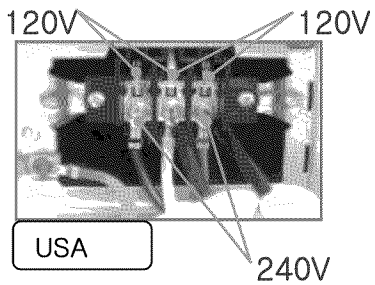


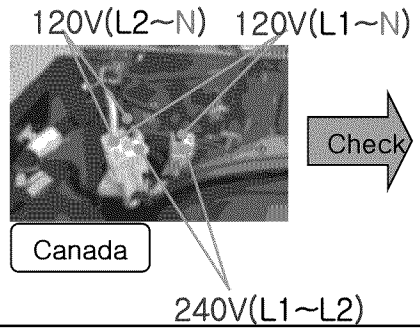
Abnormal



▶ Check the inside of outlet or Main Power supply

Step #2. Check the Terminal block



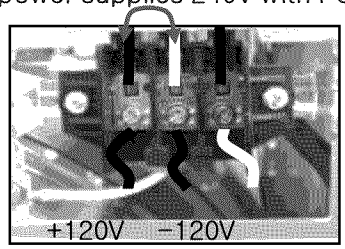
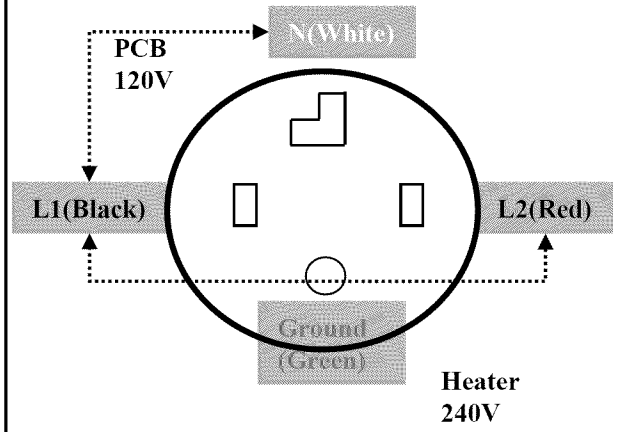


Check

L1(black) ~ L2 (Red)
= 200~240V → Heater working.
= 0~120V → Heater not working

L1(black) ~ N (White)
= 120V → Power on.
= 0 ~70V → No Power

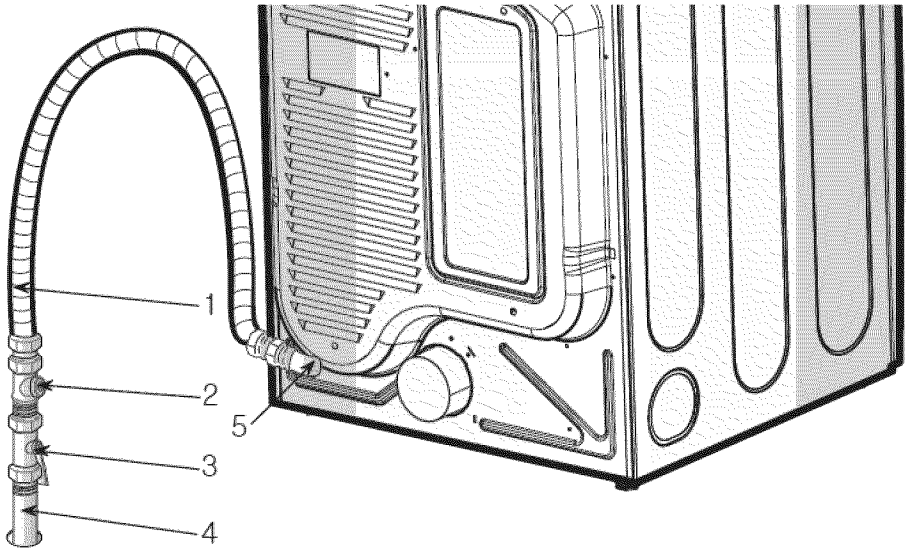
F. Error Codes 4/4

Code	Meaning	Algorithm	Applied model	Solution
PS	Power cord mis-connected	When Supplied 240V with PCB, LED displays "PS" and then power off to protect Main PCB. power supplies 240V with PCB  	All Electric Dryer	Switched white(N) and red(L2) wire connection. Most of return PCB was damaged because of High Voltage made by power cord mis-connection. When LED display "PS", Please check Terminal block of dryer. ▶ wrong case -. L1~N > 180V
nP	House electric Problem	House outlet is wrong, No current is detected at heater. -. Motor working but No heat  	New next steam electric dryer (DLEX2501)	Power is not supplied with Heater. Please check voltage of wall outlet. ▶ Normal case -. L1~N : 120V -. L2~N : 120V -. L1~l2 : 240V ▶ wrong case 1 -. L1~N : 120V -. L2~N : 120V -. L1~l2 : 0V ▶ wrong case 2 -. L1~N : 120V -. L2~N : 0V -. L1~l2 : 120V ➔ **Abnormal : Voltage of "L1~L2" is less than 200V**

G. Connect Gas Supply Pipe (Gas Dryer ONLY) 1/1

For further assistance, refer to section on Gas Requirements.

1. Make certain your dryer is equipped for use with the type of gas in your laundry room. Dryer is equipped at the factory for natural gas with a 3/8" N.P.T. gas connection.
2. Remove the shipping cap from the gas connection at the rear of the dryer. Make sure you do not damage the pipe thread when removing the cap.
3. Connect to gas supply pipe using a new flexible stainless steel connector.
4. Tighten all connections securely. Turn on gas and check all pipe connections (internal & external) for gas leaks with a non-corrosive leak detection fluid.
5. For LP (Liquefied Petroleum) gas connection, refer to section on Gas Requirements.



1 New Stainless Steel Flexible Connector
- Use only if allowed by local codes (Use Design A.G.A. Certified Connector)

2 1/8"NPT Pipe Plug (for checking inlet gas pressure)

3 Equipment Shut-Off Valve
-Installed within 6'(1.8 m) of dryer

4 Black Iron Pipe
Shorter than 20' (6.1 m) - Use 3/8" pipe
Longer than 20' (6.1 m) - Use 1/2" pipe

5 3/8" NPT Gas Connection

H. Installation check test(3min Installation TEST)_1/2

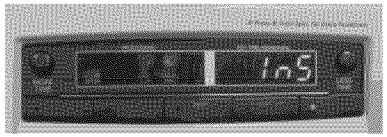
What is "3min installation"?

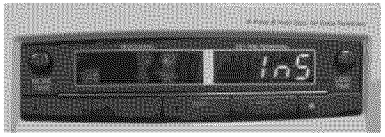
this is test which make sure the condition of the exhaust system is adequate for proper operation of the dryer.

"3min installation" test may diagnose the following:
1. apply 'nP Error' for checking power supply problem
2. check early duct clog and fix installation environment
3. check leveling noise through 3min. operation
4. check ignition failure by connection of external gas line and housing
5. check operation of sensors (Humidity sensor, thermistor)

What does "3min installation" work?

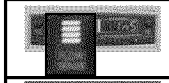
Installation check mode (InS) → Processing (heating 2min, cooling1min) → Normal end





(display 'End' for 30sec.→Off, melody)

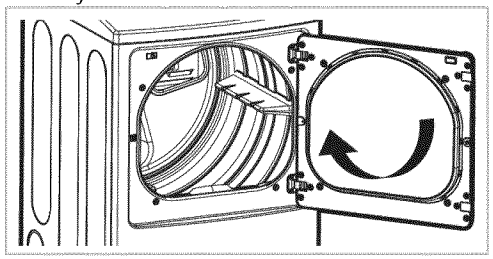
What does mean displayed error code?

Display	Display detail	SVC
	1. Display 'PS' for 10 sec. and then off	**Customer** Check Outlet
	1. Display 'nP' before power off.	**Customer** Check Outlet
	1. light on flow sense with alarm at the 2min. after start, then normal end. 2. alarm for 5 sec.	**Customer** Check vent clog
	1. Display 'HS' before power off. (Humidity Sensor)	**Technician**
	1. Display 'tE1' for 10 sec. and then off	**Technician**

H. Installation check test(3min Installation TEST)_2/2

How to activate “3min Installation test”

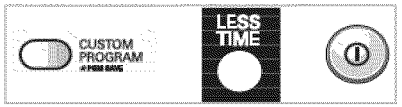
1. Remove the drying rack and literature, and then close the door.
   - Do not load anything in the drum for this test, as it may affect the accuracy of the results.



2. Press and hold the DAMP DRY BEEP and TEMP. CONTROL buttons at the same time. While holding these buttons, press POWER ON/OFF.
   - This button sequence activates the installation test. The code InS will display if the activation is successful.

※ In case of other Tools(Discovery or Titan), Press and hold the SIGNAL and TEMP. CONTROL buttons and then press the POWER button.

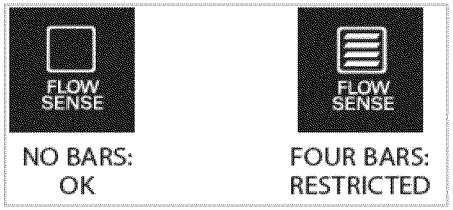
Titan (DLEX3360* DLGX3361*)
RS Best (DLEX5681* DLGX5681*), etc



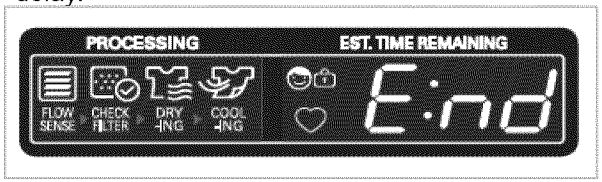
Discovery(DLEX8000*,DLGX8001*), etc

3. Press START/PAUSE button.
   - The dryer will start the test, which will last about two minutes.
   - The heater will be turned on and the temperatures in the drum will be measured.

4. Check the display for results.
   - During the two minutes test cycle, monitor the Flow SenseTM 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.



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.

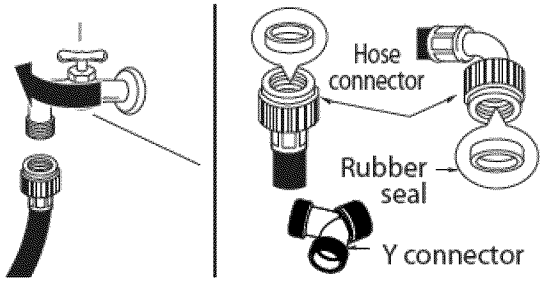


I. Connecting the Inlet Hose_1/3

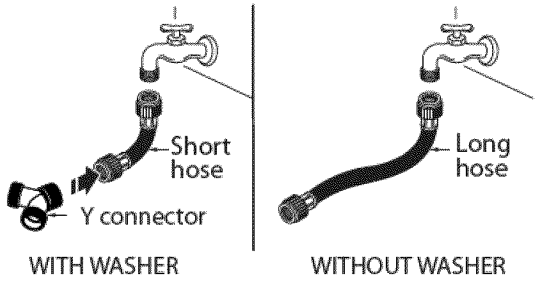
The dryer must be connected to the cold water tap using the new water supply hose. Do not reuse old hoses.

- 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.



I. Connecting the Inlet Hose_2/3

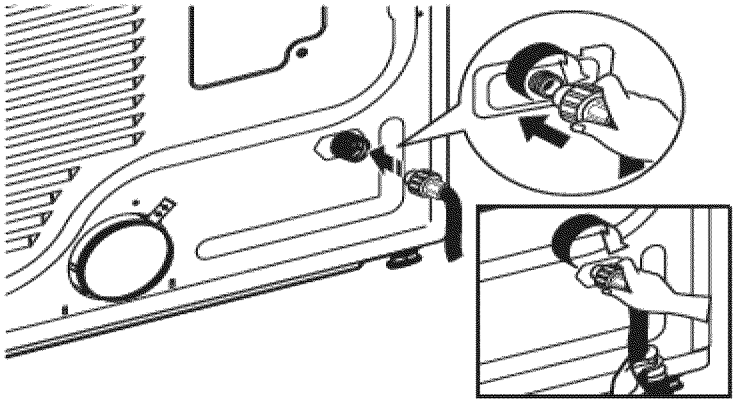
Connect all water supply hoses tightly by hand and then tighten another 2/3 turn with pliers.
WITH WASHER: When connecting the dryer to the same faucet as a washer.

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.

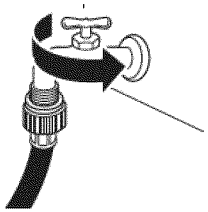
• Before connecting the water line to the dryer, flush several gallons of water into a drain or bucket. This will help prevent foreign particles such as sand and scale from clogging the dryer inlet valve.
• Do not over tighten. Damage to the coupling can result.

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.

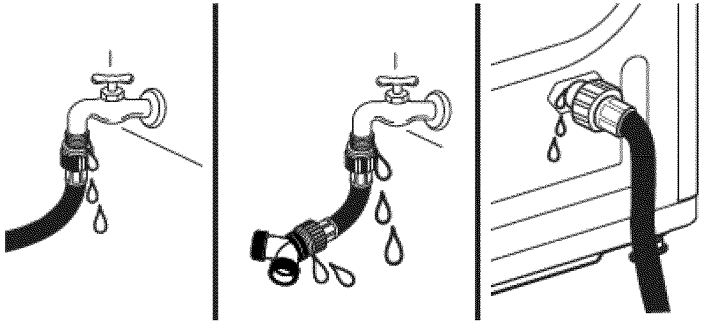


I. Connecting the Inlet Hose_3/3

4. Turn on the cold water faucet.



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



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