

Installation Instructions

for Dryers



Original Instructions

Keep These Instructions for Future Reference.

(If this machine changes ownership, this manual must accompany machine.)



www.alliancelaundry.com

Part No. D514816ENR1
May 2017



WARNING



WARNING



Risk of fire. Highly flammable material.

W881



Read all instructions before using unit.



WARNING

FOR YOUR SAFETY, the information in this manual must be followed to minimize the risk of fire or explosion or to prevent property damage, personal injury or death.

W033



WARNING

- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- **WHAT TO DO IF YOU SMELL GAS:**
 - Do not try to light any appliance.
 - Do not touch any electrical switch; do not use any phone in your building.
 - Clear the room, building or area of all occupants.
 - Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
 - If you cannot reach your gas supplier, call the fire department.
- Installation and service must be performed by a qualified installer, service agency or the gas supplier.

W052

IMPORTANT: Purchaser must consult the local gas supplier for suggested instructions to be followed if the dryer user smells gas. The gas utility instructions plus the **SAFETY** and **WARNING** note directly above must be posted in a prominent location near the dryer for customer use.



WARNING

- Installation of unit must be performed by a qualified installer.
- Install clothes dryer according to manufacturer's instructions and local codes.
- **DO NOT** install a clothes dryer with flexible plastic venting materials. If flexible metal (foil type) duct is installed, it must be of a specific type identified by the appliance manufacturer as suitable for use with clothes dryers. Refer to section on connecting exhaust system. Flexible venting materials are known to collapse, be easily crushed, and trap lint. These conditions will obstruct clothes dryer airflow and increase the risk of fire.

W729R1



WARNING

To reduce the risk of severe injury or death, follow all installation instructions. Save these instructions.

W894



WARNING

FOR YOUR SAFETY

Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

W053

This product uses FreeRTOS V7.2.0 (www.freertos.org).

Table of Contents

Dimensions.....5

Installation..... 7

 Before You Start..... 7

 Supplies..... 7

 Order of Installation Steps.....7

 Position and Level the Dryer.....7

 Connect Dryer Exhaust System.....9

 Exhaust Direction..... 10

 Exhaust System..... 11

 Gas Dryers - Connect Gas Supply Pipe..... 11

 Reverse Door, if Desired.....13

 Wipe Out Inside of Dryer.....14

 Plug In the Dryer..... 15

 Electric Dryers with 4-Wire Plug (Supplied with Dryer).....15

 Electric Dryers with 3-Wire Plug (Requires Conversion).....16

 Gas Dryer..... 19

 Recheck Steps..... 21

 Check Heat Source.....21

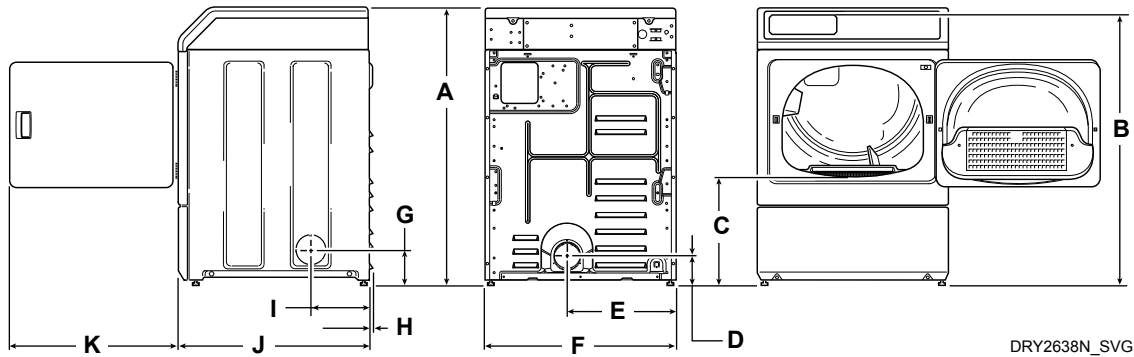
 Electric Dryers.....21

 Gas Dryers.....21

Installer Checklist.....23

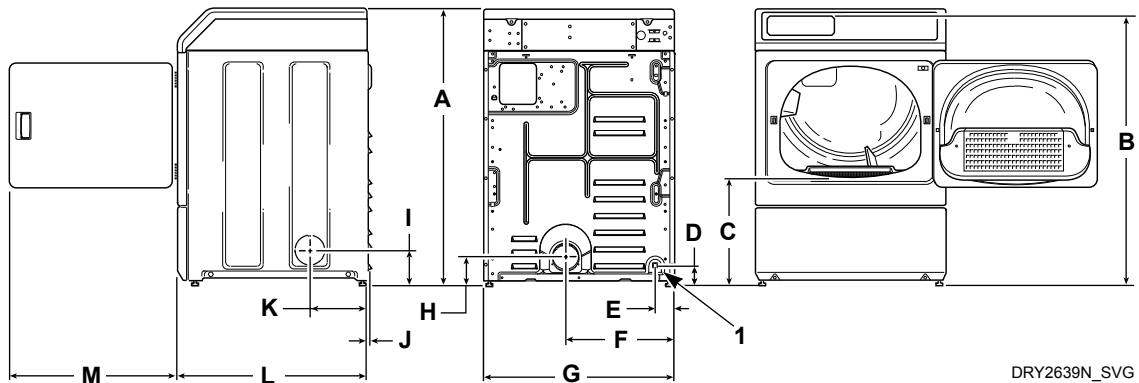
Dimensions

Electric Models



A	* 1027 mm [40.42 in.]
B	* 1006 mm [39.61 in.]
C	* 392 mm [15.44 in.]
D	* 102 mm [4 in.]
E	391 mm [15.4 in.]
F	683 mm [26.875 in.]
G	* 114 mm [4.5 in.]
H	10 mm [0.4 in.]
I	203 mm [8 in.]
J	711 mm [28 in.]
K	597 mm [23.5 in.]
NOTE: Exhaust openings are 102 mm [4 inch] metal ducting.	
	* With leveling legs turned into base.

Gas Models



1. 3/8 in. NPT Gas Connection

Dimensions

A	*1027 mm [40.42 in.]
B	*1006 mm [39.61 in.]
C	*392 mm [15.44 in.]
D	*70 mm [2.8 in.]
E	60 mm [2.3 in.]
F	391 mm [15.4 in.]
G	683 mm [26.875 in.]
H	102 mm [4 in.]
I	*114 mm [4.5 in.]
J	10 mm [0.4 in.]
K	203 mm [8 in.]
L	711 mm [28 in.]
M	597 mm [23.5 in.]
NOTE: Exhaust openings are 102 mm [4 inch] metal ducting.	* With leveling legs turned into base.

NOTE: Gas models cannot be vented out left side of cabinet because of burner housing.

IMPORTANT: The dryer should have sufficient clearance around it for needed ventilation and for the ease of installation and servicing. For maximum drying performance, we recommend that more clearance be allowed around the dryer than the clearances that are listed throughout this manual.

Installation

Before You Start

Supplies

For most installations, the basic supplies you will need are:

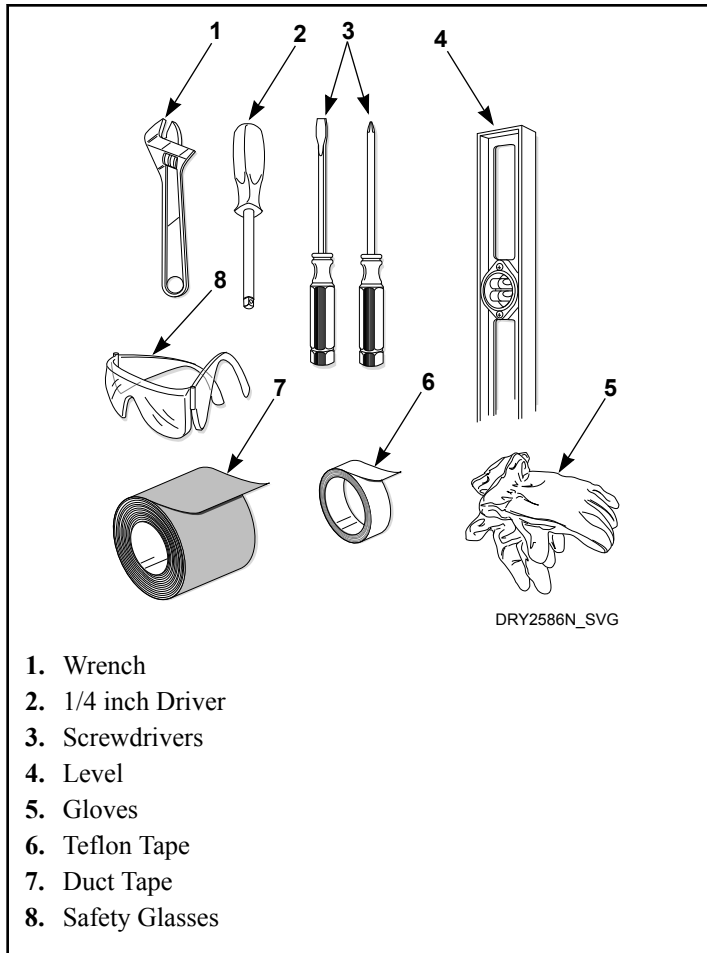


Figure 1

NOTE: This appliance is suitable for use in countries having a warm, damp climate.



WARNING

Any disassembly requiring the use of tools must be performed by a suitably qualified service person.

W299

Order of Installation Steps

1. Position and level the dryer.
2. Connect dryer to exhaust system.

3. For gas models only, connect the gas supply pipe. Check for gas leaks.
4. Reverse the door, if desired.
5. Wipe out the inside of the dryer.
6. Plug in the dryer.
7. Recheck steps.
8. Start and run the dryer in a heat setting to verify dryer is heating.

Position and Level the Dryer

1. Install dryer before washer. This allows room for attaching exhaust duct.
2. Select a location with a solid floor. Dryers installed in residential garages must be elevated 457 mm [18 inches] above the floor.

No other fuel burning appliance should be installed in the same closet with the dryer.

The dryer must not be installed or stored in an area where it will be exposed to water and/or weather.

The dryer needs sufficient clearance and an adequate air supply for proper operation and ventilation, and for easier installation and servicing. (Minimum clearances are shown in *Figure 3*).

3. Place the dryer in position, and adjust the legs until the dryer is level from side to side and front to back. Leveling legs can be adjusted from inside the dryer with a 1/4 in. driver.
4. All four legs must rest firmly on the floor so the weight of the dryer is evenly distributed. The dryer must not rock.

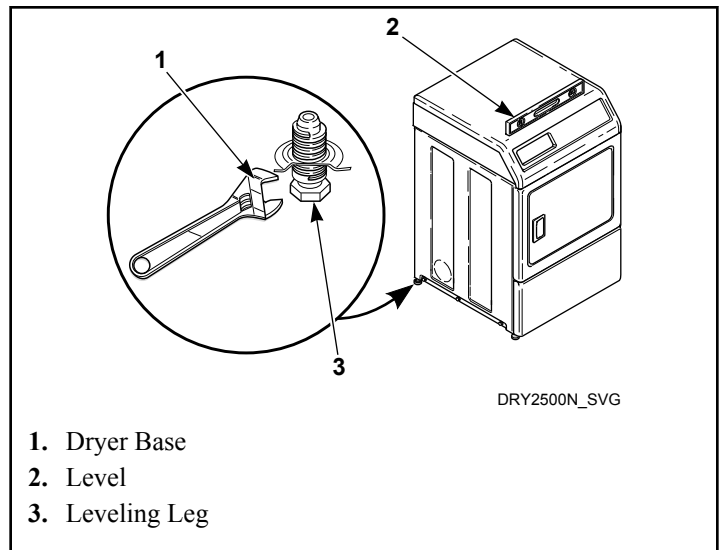
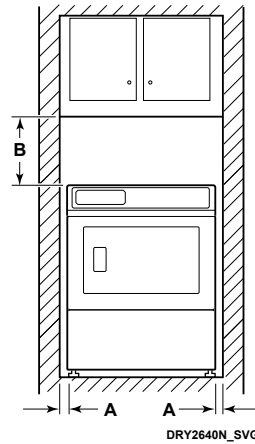
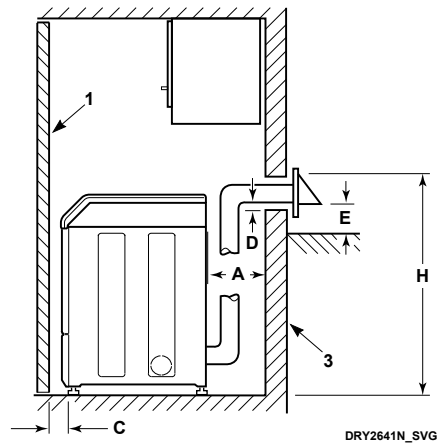


Figure 2

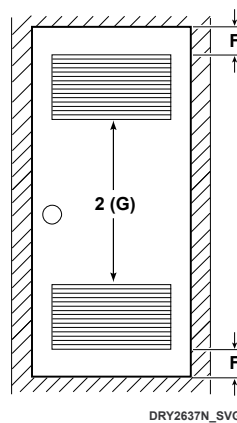
Front View (Without Closet Door)



Side View (Closet Door)



Front View (Closet Door)



1. Closet Door
2. Centered Air Openings (G) (2 Openings minimum)
3. Outer Wall of Enclosure

Figure 3

Area	Description	Free Standing/Alcove Installation	Closet Installation
A*	Dryer sides and rear clearance	0 mm [0 in.]	0 mm [0 in.]
B	Dryer top clearance	305 mm [12 in.]	305 mm [12 in.]
C	Dryer front clearance	Not Applicable	51 mm [2 in.]
D	Exhaust duct clearance to combustible material	51 mm [2 in.]	51 mm [2 in.]
E	Weather hood to ground clearance	305 mm [12 in.]	305 mm [12 in.]
F	Distance from floor or ceiling to air opening edge	Not Applicable	76 mm [3 in.]
G	Area of centered air openings in closet door. Louvered door with equivalent air openings is acceptable. (Minimum clearances are shown.)	Not Applicable	1016 sq. mm/open [40 sq. in./open]
H	For new installations, locate top of wall vent 1067 mm [42 inches] above floor to make venting easier to connect.	1067 mm [42 in.]	1067 mm [42 in.]
*	Rear clearance is minimum. 51 mm [2 inches] is recommended for utility connection. 152 mm [6 inches] is recommended when venting through rear of unit.		

Table 1

IMPORTANT: In mobile home installations, gas dryers **MUST** be permanently attached to the floor at the time of installation. Order No. 526P3 Hold Down Kit (available at extra cost) for a manufactured (mobile) home installation. Follow the instructions supplied with the kit.

Installation of unit must conform to the Manufactured Home Construction and Safety Standards, Title 24 CF4, Part 32-80 or Standard CAN/CSA-Z240 MH.

Connect Dryer Exhaust System

	WARNING
To reduce the risk of fire and combustion gas accumulation the dryer MUST be exhausted to the outdoors.	
W604	

	WARNING
To reduce the risk of fire and the accumulation of combustion gases, DO NOT exhaust dryer air into a window well, gas vent, chimney or enclosed, unventilated area, such as an attic, wall, ceiling, crawl space under a building or concealed space of a building.	
W045	

	WARNING
To reduce the risk of fire, DO NOT use plastic or thin foil ducting to exhaust the dryer.	
W354	



WARNING

To reduce the risk of fire, the exhaust duct and weather hood **MUST** be fabricated of a material that will not support combustion. Rigid or flexible metal pipe is recommended for a clothes dryer.

W048



WARNING

To reduce the risk of fire due to increased static pressure, we do not recommend installation of in-line secondary lint filters or lint collectors. If secondary systems are mandated, frequently clean the system to assure safe operation.

W749

IMPORTANT: Installing in-line filters or lint collectors will cause increased static pressure. Failure to maintain the secondary lint system will decrease dryer efficiency and will void machine warranty.

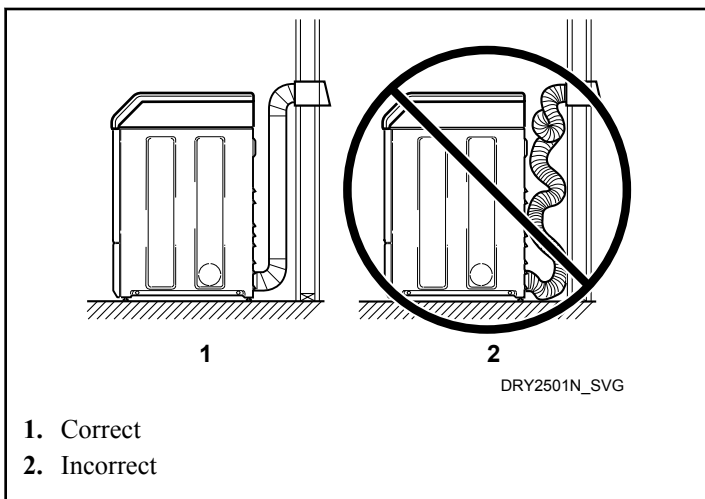


Figure 4

- DO NOT use plastic, thin foil or type B ducting. Rigid metal duct is recommended.
- Locate dryer so exhaust duct is as short as possible.
- Be certain old exhaust ducts are cleaned before installing your new dryer.
- Use 102 mm [4 inch] diameter rigid or flexible metal duct.
- The male end of each section of duct must point away from the dryer.
- Use as few elbows as possible.
- Use of duct tape or pop-rivets on all seams and joints is recommended, if allowed by local codes. DO NOT use sheet metal screws or fasteners on exhaust pipe joints which extend into the duct and catch lint.

- Ductwork that runs through unheated areas must be insulated to help reduce condensation and lint build-up on pipe walls.
- Install backdraft dampers in multi-dryer installations.
- In mobile home installations, dryer exhaust duct must be secured to mobile home structure.
- Dryer exhaust duct **MUST NOT** terminate under mobile home.
- Exhaust duct must not be connected to any other duct, vent, or chimney.
- Dryer exhausts 220 cfm (measured at back of dryer).
- DO NOT install flexible duct in concealed spaces, such as a wall or ceiling.
- Static pressure in exhaust duct should not be greater than 1.5 cm water column [0.6 inches water column], measured with manometer placed on exhaust duct 610 mm [2 feet] from dryer (check with dryer running and no load). In multi-dryer installations, all dryers connected to the main collector duct should be operating when pressure is checked.
- Exhausting dryer in hard-to-reach locations can be done by installing 521P3 Flexible Metal Vent Kit (available as optional equipment at extra cost).
- Sufficient make-up air must be supplied to replace the air exhausted by the dryer. The free area of any opening for outside air must be at least 25806 mm² [40 in.²].
- Energy efficient buildings with low air infiltration rates should be equipped with an air exchanger that can accommodate on demand make-up air needs in the laundry room. These devices can be obtained through your building contractor or building material suppliers.
- Do not draw make-up air from a room containing a gas fired water heater, a dry cleaner or a hair salon.
- Failure to exhaust dryer properly will void warranty.
- A dryer will dissipate 681,392 J/m² [60 Btu/ft²] of surface area exposed to the conditioned air.

NOTE: Venting materials are not supplied with the dryer (obtain locally).

IMPORTANT: DO NOT block the airflow at the bottom of the dryer's front panel with laundry, rugs, etc. Blockage will decrease airflow through the dryer, thus reducing the efficiency of the dryer.

Exhaust Direction

The dryer can be exhausted to the outdoors through the back, left, right or bottom of the dryer. EXCEPTION: Gas dryers cannot be vented out the left side because of the burner housing.

Dryer is shipped from factory ready for rear exhaust.

Exhausting the dryer through sides or bottom can be accomplished by installing a Directional Exhaust Kit, 528P3, available as optional equipment at extra cost.

Exhaust System

For best drying results, recommended maximum length of exhaust system is shown in *Table 2*.

To prevent backdraft when dryer is not in operation, outer end of exhaust pipe must have a weather hood with hinged dampers (obtain locally).

NOTE: Weather hood should be installed at least 305 mm [12 inches] above the ground. Larger clearances may be necessary for installations where heavy snow-fall can occur.

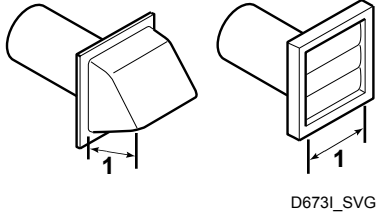
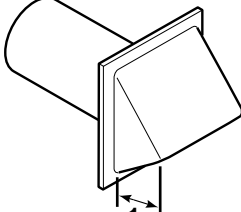
Number of 90° Elbows	Weather Hood Type	
	Recommended	Use Only for Short Run Installations
	 1. 102 mm [4 in.]	 1. 64 mm [2.5 in.]
Maximum length of 102 mm [4 in.] diameter rigid metal duct.		
0	19.8 m [65 feet]	16.8 m [55 feet]
1	16.8 m [55 feet]	14.3 m [47 feet]
2	14.3 m [47 feet]	12.5 m [41 feet]
3	11.0 m [36 feet]	9.1 m [30 feet]
4	8.5 m [28 feet]	6.7 m [22 feet]

Table 2

NOTE: Deduct 1.8 m [6 feet] for each additional elbow.

NOTE: The maximum length of a 102 mm [4 in.] diameter flexible metal duct must not exceed 2.4 m [7.87 ft.], as required to meet UL2158, clause 7.3.2.A.

Gas Dryers - Connect Gas Supply Pipe



WARNING

To reduce the risk of gas leaks, fire or explosion:

- The dryer must be connected to the type of gas as shown on nameplate located in the door recess.
- Use a new flexible stainless steel connector.
- Use pipe joint compound insoluble in L.P. (Liquefied Petroleum) Gas, or Teflon tape, on all pipe threads.
- Purge air and sediment from gas supply line before connecting it to the dryer. Before tightening the connection, purge remaining air from gas line to dryer until odor of gas is detected. This step is required to prevent gas valve contamination.
- Do not use an open flame to check for gas leaks. Use a non-corrosive leak detection fluid.
- Any disassembly requiring the use of tools must be performed by a suitably qualified service person.

W316

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 inch NPT gas connection.

NOTE: The gas service to a gas dryer must conform with the local codes and ordinances, or in the absence of local codes and ordinances, with the latest edition of the National Fuel Gas Code ANSI Z223.1/ NFPA 54 or the CAN/CSA-B149.1 Natural Gas and Propane Installation Code.

Natural Gas, 37.3 MJ/m³ [1000 Btu/ft³], service must be supplied at minimum 5.0 inch water column pressure to maximum 10.5 inch water column pressure.

For proper operation at altitudes above 915 m [3000 feet] the natural gas valve spud orifice size must be reduced to ensure complete combustion. Refer to *Table 3*.

Natural Gas Altitude Adjustments			
Altitude	Orifice Size		Part No.
m [feet]	No.	mm [inches]	
915 [3000]	43	2.26 [0.0890]	503778
1830 [6000]	44	2.18 [0.0860]	58719
2440 [8000]	45	2.08 [0.0820]	503779

Table 3 *continues...*

Natural Gas Altitude Adjustments			
Altitude	Orifice Size		Part No.
m [feet]	No.	mm [inches]	
2740 [9000]	46	2.06 [0.0810]	503780
3050 [10,000]	47	1.99 [0.0785]	503781

Table 3

2. Remove the shipping cap from the gas connection at the rear of the dryer. Make sure you do not damage the pipe threads when removing the cap.
3. Connect to gas supply pipe using thread sealant or Teflon tape. Torque 10.2 - 19.7 Nm [90 - 175 inch-pounds].

NOTE: The connection of gas supply to the appliance shall be made with a flexible hose suitable for the appliance category in accordance with national installation regulations of the country of destination. If in doubt contact the dryer distributor or manufacturer.

NOTE: When connecting to a gas line, an equipment shut-off valve in accordance with the National Fuel Gas Code, ANSI Z223.1/NFPA 54 and the Natural Gas and Propane Installation Code, CSA B149.1 must be installed within 1.8 m [6 feet] of the dryer. An 1/8 in. NPT pipe plug must be installed as shown for checking inlet pressure. Refer to *Figure 5*.

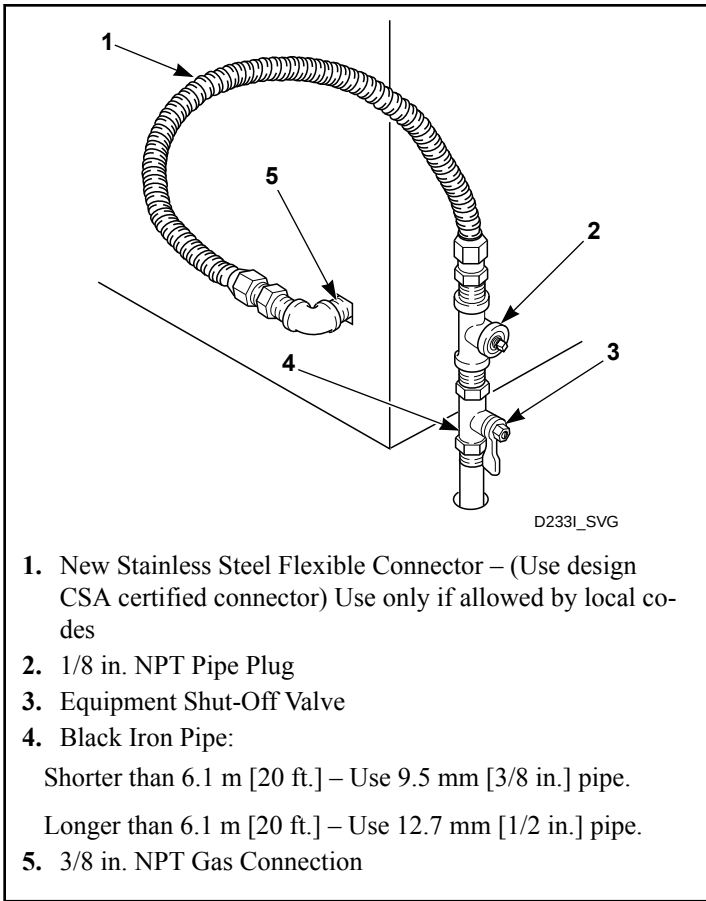


Figure 5

4. Tighten all connections securely but don't overtighten to avoid breaking or bending the gas valve bracket. Turn on gas and check all pipe connections (internal & external) for gas leaks with a non-corrosive leak detection fluid.

NOTE: The dryer and its appliance main gas valve must be disconnected from the gas supply piping system during any pressure testing of that system at test pressures in excess of 3.45 kPa [1/2 psi]. Refer to *Check Heat Source*.

NOTE: DO NOT connect the dryer to L.P. Gas Service without converting the gas valve. Install L.P. Gas Conversion Kit 649P3, available at extra cost.

L.P. (Liquefied Petroleum) Gas, 93.1 MJ/m³ [2500 Btu/ft.³], service must be supplied at 10 ± 1.5 inch water column pressure.

For proper operation at altitudes above 915 m [3000 feet] the L.P. gas valve spud orifice size must be reduced to ensure complete combustion. Refer to *Table 4*.

L.P. Altitude Adjustments			
Altitude	Orifice Size		Part No.
	No.	mm [inches]	
915 [3000]	55	1.32 [0.0520]	58755
2440 [8000]	56	1.18 [0.0465]	503786

Table 4

Reverse Door, if Desired

NOTE: Doors with windows cannot be reversed.

The door on this dryer is completely reversible. To reverse door proceed as follows:

1. Remove four hinge attaching screws.

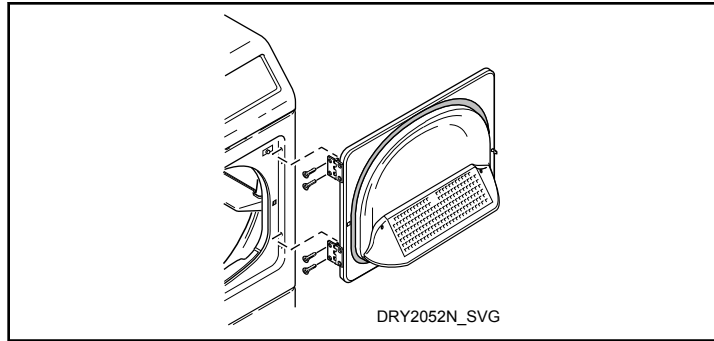


Figure 6

2. Remove all nine screws.

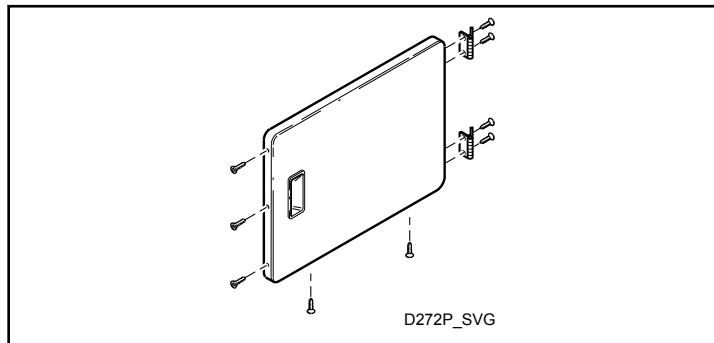


Figure 7

3. Pull bottom of door liner out, then pull down, removing door liner from door panel.

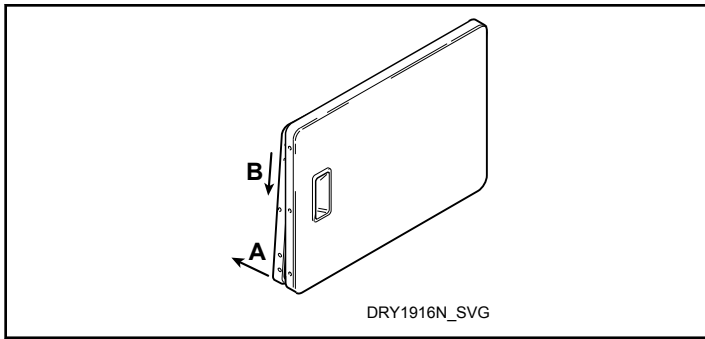


Figure 8

4. Rotate door panel 180 degrees as shown.

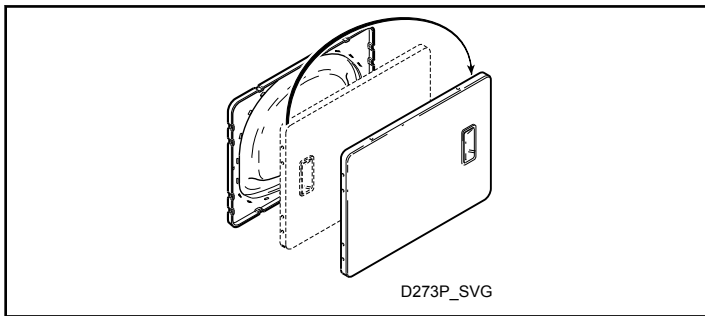


Figure 9

5. Remove door strike from door liner and reinstall on opposite side.

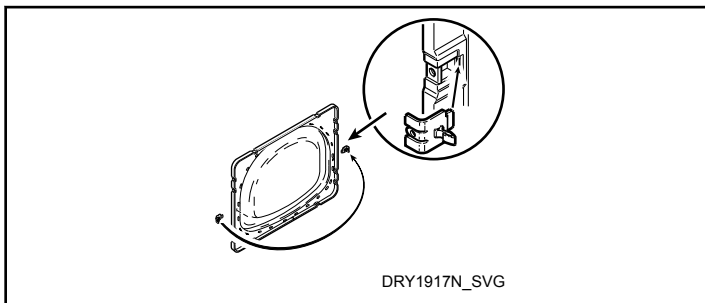


Figure 10

6. Insert liner under flange on bottom of door, then push top of door liner into place.

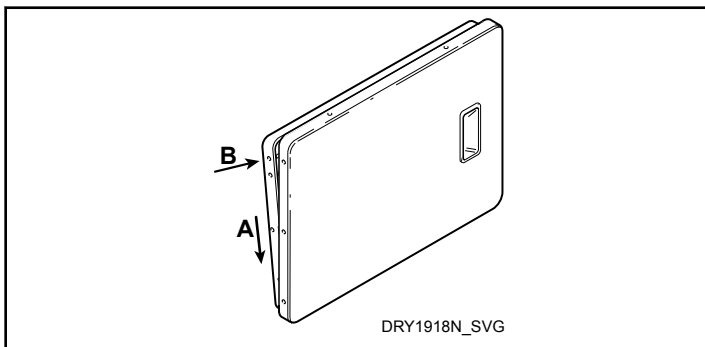


Figure 11

7. Reinstall nine screws removed in Step 2.

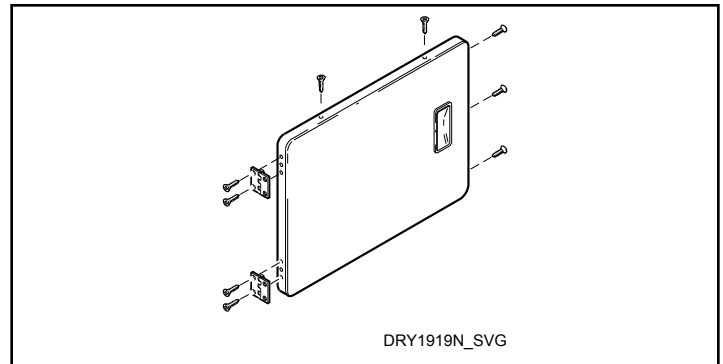


Figure 12

8. Using screwdriver, remove two door plugs, and reinstall on opposite side of door opening.

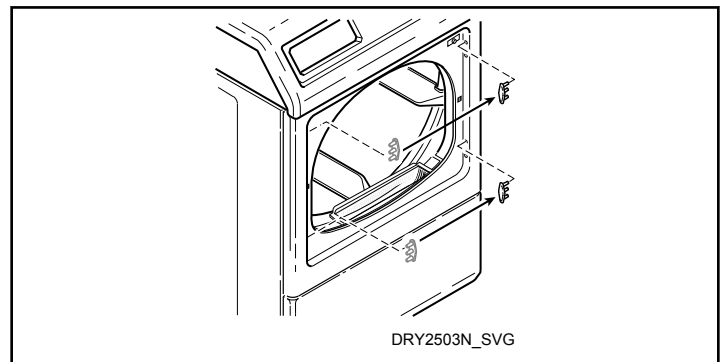


Figure 13

9. Reinstall four hinge attaching screws, removed in Step 1.

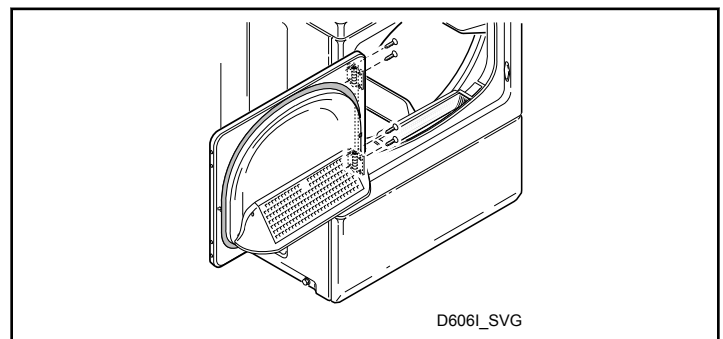


Figure 14

Wipe Out Inside of Dryer

Before using dryer for the first time, use an all-purpose cleaner, or a detergent and water solution, and a damp cloth to remove shipping dust from inside dryer drum.

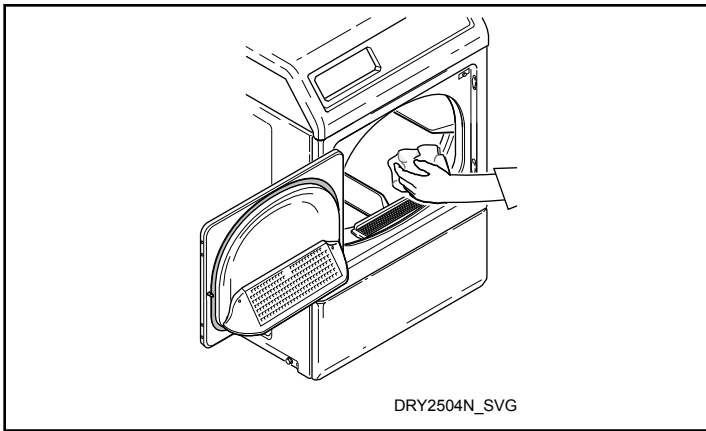


Figure 15

Plug In the Dryer

This appliance is to be supplied through a residual current device (RCD) having a rated residual operating current not exceeding 30 mA.

Electric Dryers with 4-Wire Plug (Supplied with Dryer)

120/240 Volt, 60 Hertz, 3-Wire and Earth/Ground Installation

120/208 Volt, 60 Hertz, 3-Wire and Earth/Ground Installation

NOTE: The wiring diagram is located in the control cabinet.

	WARNING
To reduce the risk of fire, electric shock, serious injury or death, all wiring and protective earth/ground connections MUST conform with the latest edition of the National Electrical Code, ANSI/NFPA 70, or the Canadian Electrical Code, CSA C22.1, and such local regulations as might apply. It is the customer's responsibility to have the wiring and fuses installed by a qualified electrician to make sure adequate electrical power is available to the unit.	
W891	

Earth/Ground and Wiring Instructions

This appliance must be properly connected to protective earth/ground. In the event of malfunction or breakdown, the earth/ground will reduce the risk of electric shock by providing a path of least resistance for electric current.

This appliance is equipped with a cord having an equipment-earth/ground conductor and an earth/ground plug. The plug must be plugged into an appropriate outlet that is properly installed and connected to a protective earth/ground in accordance with all local codes and ordinances.

	WARNING
Improper connection of the equipment earth/ground conductor can result in a risk of electric shock. Check with a qualified electrician or service person if you are in doubt as to whether the unit is properly connected to a protective earth/ground.	
W893	

Do not modify the plug provided with the appliance – if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

The electric service must be a separate branch, polarized, three-wire and earth/ground, 120/240 Volt, or 120/208 Volt (refer to serial plate for specific voltage), 60 Hertz, AC single phase circuit fused with 30 ampere fuses.

The cord and plug assembly (supplied with dryer) should be plugged into an approved receptacle that is mounted on the wall adjacent to the dryer. This receptacle should be accessible to the user or service person when the dryer is in position, to permit disconnecting when necessary.

NOTE: Branch circuit wire size requirements to laundry room outlet are shown in table below.

Wire Length	Wire
Less than 4.5 m [15 ft.]	Listed No. 10 AWG Copper wire only
Longer than 4.5 m [15 ft.]	Listed No. 8 AWG Copper wire only

Table 5

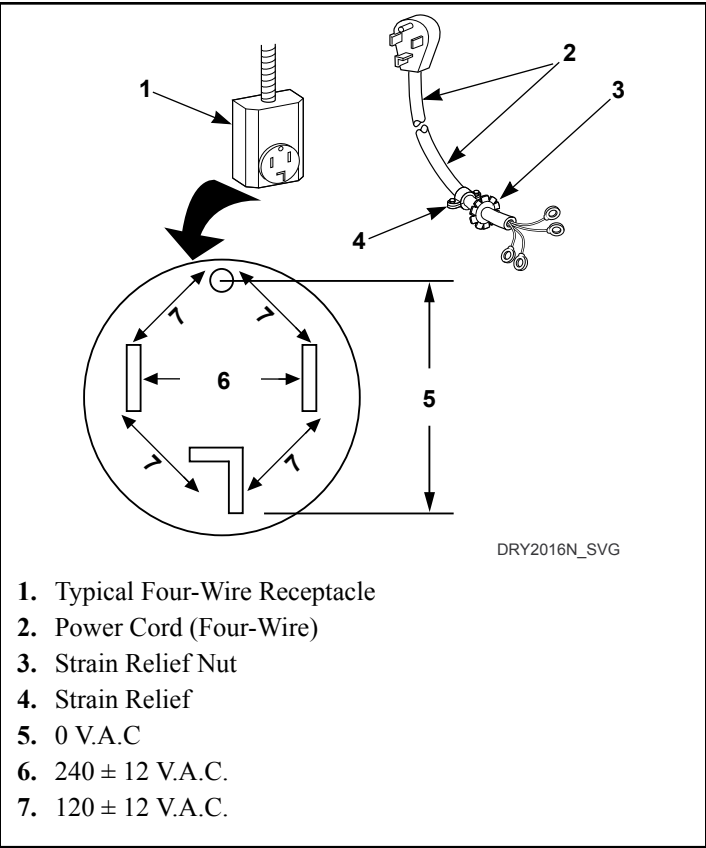


Figure 16

Electric Dryers with 3-Wire Plug (Requires Conversion)

120/240 Volt, 60 Hertz, 3-Wire Installation

120/208 Volt, 60 Hertz, 3-Wire Installation

WARNING

To reduce the risk of fire, electric shock, serious injury or death, all wiring and protective earth/ground connections **MUST** conform with the latest edition of the National Electrical Code, ANSI/NFPA 70, or the Canadian Electrical Code, CSA C22.1, and such local regulations as might apply. It is the customer's responsibility to have the wiring and fuses installed by a qualified electrician to make sure adequate electrical power is available to the unit.

W891

NOTE: Use only a new U.L. listed No. 10 (copper wire only) three or four conductor power supply cord kit rated 240 Volts (minimum) 30 Amperes and labeled as suitable for use in a clothes dryer.

Earth/Ground Instructions

This appliance must be properly connected to protective earth/ground. In the event of malfunction or breakdown, the earth/ground will reduce the risk of electric shock by providing a path of least resistance for electric current.

This appliance is equipped with a cord having an equipment-earth/ground conductor and an earth/ground plug. The plug must be plugged into an appropriate outlet that is properly installed and connected to a protective earth/ground in accordance with all local codes and ordinances.

WARNING

Improper connection of the equipment earth/ground conductor can result in a risk of electric shock. Check with a qualified electrician or service person if you are in doubt as to whether the unit is properly connected to a protective earth/ground.

W893

Do not modify the plug provided with the appliance – if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

This dryer must be properly connected to a protective earth/ground metal, permanent wiring system; or an equipment-earth/ground conductor must be run with the circuit conductors and connected to the equipment-earth/ground terminal or lead on the dryer.

The dryer has its own terminal block that must be connected to a separate branch, 60 Hertz, single phase circuit, AC (alternating current) circuit, fused at 30 Amperes (the circuit must be fused on both sides of the line). Electrical service for the dryer should be of maximum rated voltage listed on the nameplate (208 or 240 Volt, depending on heating element). Do not connect dryer to 110, 115, or 120 Volt circuit.

Heating elements are available for field installation in dryers which are to be connected to electrical service of different voltage than that listed on nameplate, such as 208 Volt.

NOTE: Branch circuit wire size requirements to laundry room outlet are shown in table below.

Wire Length	Wire
Less than 4.5 m [15 ft.]	Listed No. 10 AWG Copper wire only
Longer than 4.5 m [15 ft.]	Listed No. 8 AWG Copper wire only

Table 6

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 mentioned on the following pages.

The method of wiring the dryer is optional and subject to local code requirements. Refer to the following examples.

Three-Wire Plug

NOTE: The three-wire power cord (pigtail) is NOT supplied with the electric dryer. Type of pigtail and gauge of wire must conform to local codes and instructions. The method of wiring the dryer is optional and subject to local code requirements.

NOTE: Connect the dryer to the power supply with the MAXIMUM RATED VOLTAGE listed on the serial plate.

NOTE: Use COPPER WIRE only.

Shorter than 15 ft. (4.5 m) – use 10 AWG

Longer than 15 ft. (4.5 m) – use 8 AWG

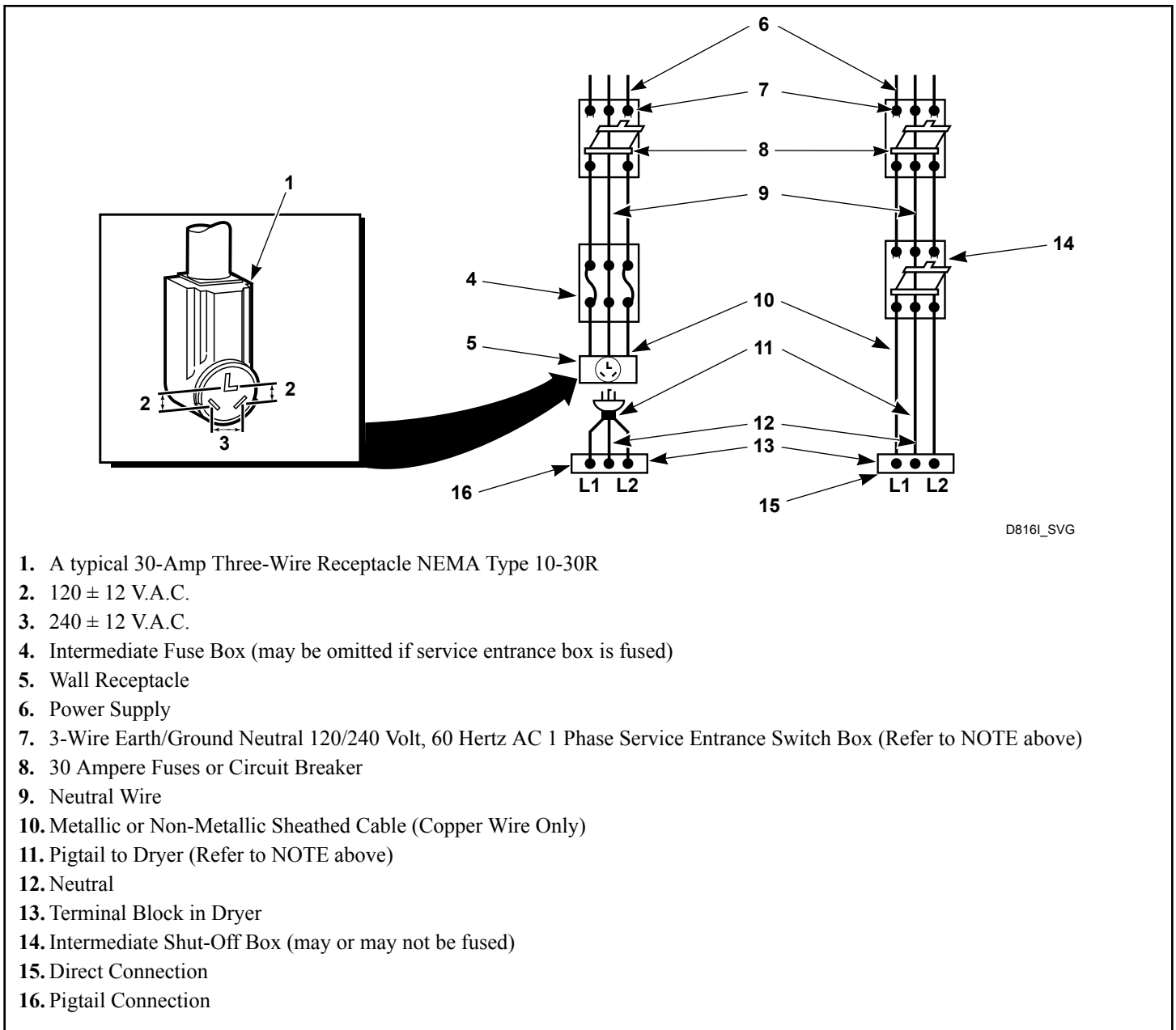


Figure 17

To Convert from 4-Wire Connection to 3-Wire Connection

1. Disconnect power to dryer.
2. Remove access cover from rear of dryer.

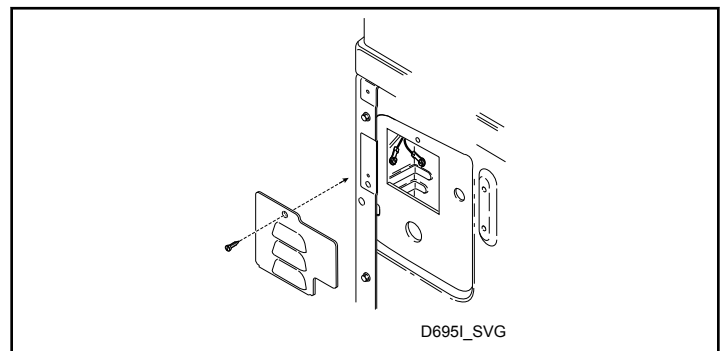


Figure 18

3. Remove the three silver screws holding the three wires to the terminal block terminals. Remove green earth/ground screw holding power cord earth/ground wire to rear bulkhead. Save all four screws.
4. Loosen the strain relief screw and pull the cord or wires out through the rear of the dryer.

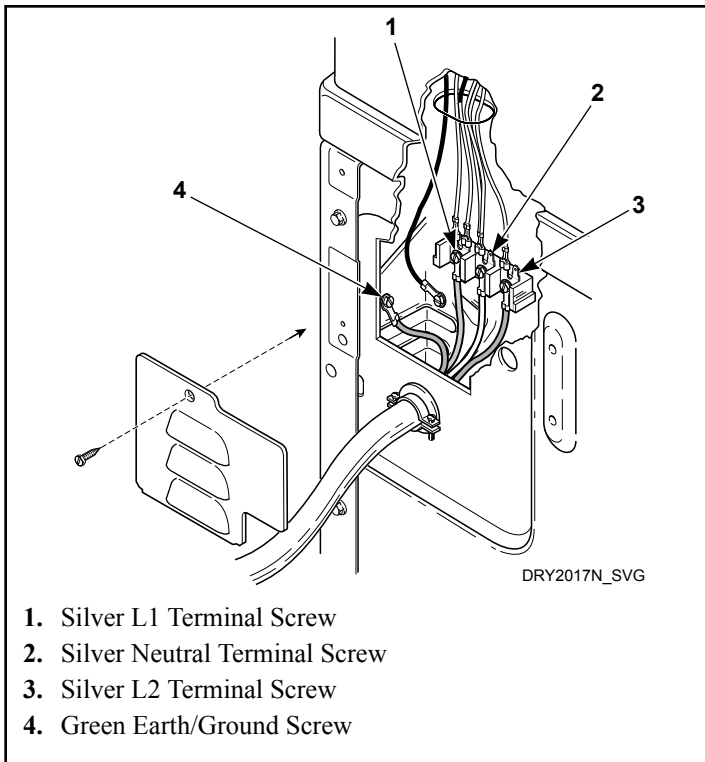


Figure 19

5. Attach one end of green earth/ground wire (supplied in accessories bag) to rear bulkhead using green earth/ground screw removed in step 3.

NOTE: Do not use power screwdriver when tightening ground screw or terminal block screws.

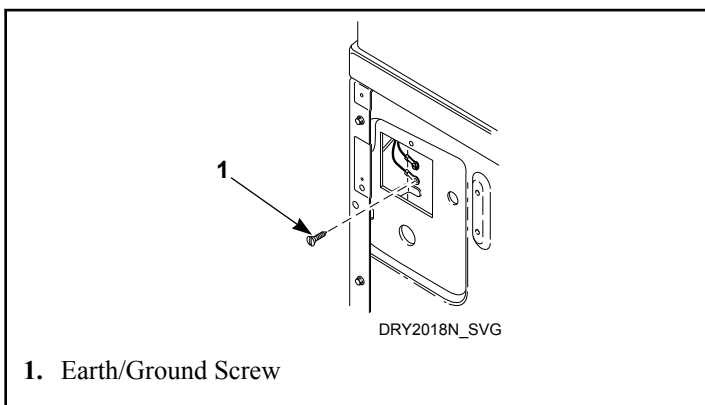


Figure 20

6. Use the three silver screws removed in step 3 to attach the wires from the new power cord and the other end of the green

earth/ground wire to the terminal block as shown in *Figure 21*.

NOTE: Green earth/ground wire must be connected to center (neutral) terminal of terminal block.

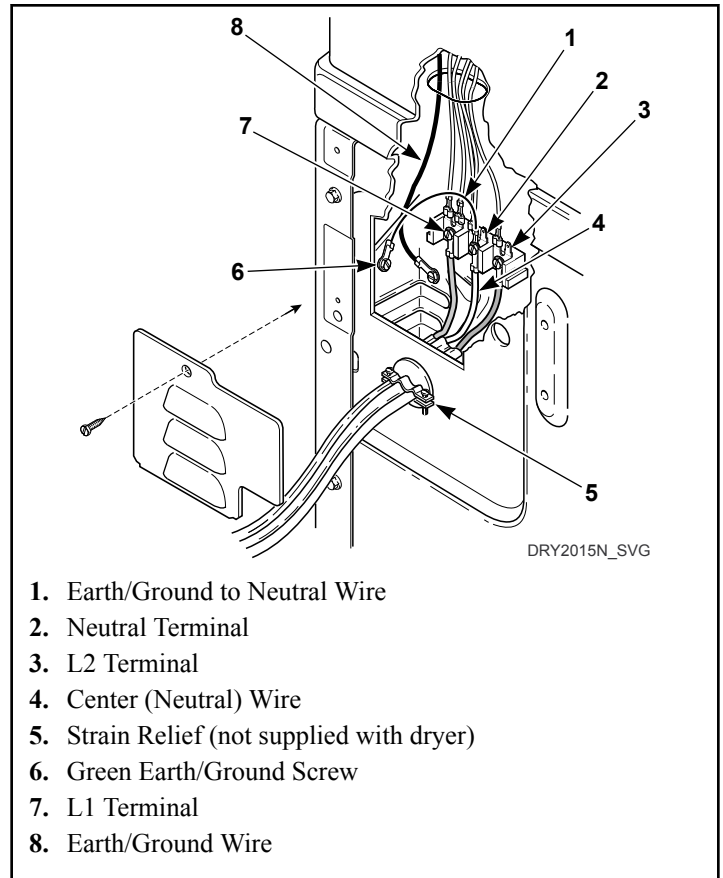


Figure 21

7. Tighten all screws using a screwdriver and reinstall access cover removed in step 2.

NOTE: Failure to tighten these screws firmly may result in wire failure at the terminal block.

8. Secure the strain relief to the power cord, or wires, where they enter the dryer cabinet.
9. Check the continuity of the ground connection before plugging the cord into an outlet. Use an acceptable indicating device connected to the center grounding pin of the plug and the green screw on the back of cabinet.
10. Reinstall access cover and screw.
11. Restore power to dryer.

Gas Dryer

Dryer requires 120 Volt, 60 Hertz electrical supply and comes equipped with a 3-prong earth/ground plug. Refer to serial plate for specific electrical requirements.

NOTE: The wiring diagram is located in the control cabinet.



WARNING

To reduce the risk of fire, electric shock, serious injury or death, all wiring and grounding **MUST** conform with the latest edition of the National Electrical Code, ANSI/NFPA 70, or the Canadian Electrical Code, CSA C22.1, and such local regulations as might apply. It is the customer's responsibility to have the wiring and fuses installed by a qualified electrician to make sure adequate electrical power is available to the dryer.

W521

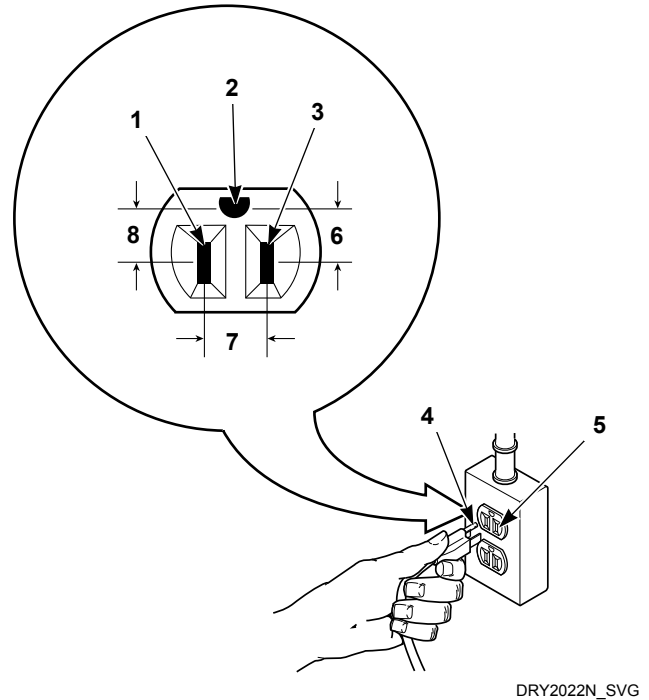
When plugging in the dryer:

- DO NOT overload circuits.
- DO NOT use an extension cord.
- DO NOT use an adapter.
- DO NOT operate other appliances on the same circuit. Use separately fused 15 Amp circuits.

The dryer is designed to be operated on a separate branch, polarized, three-wire, effective earth/ground, 120 Volt, 60 Hertz, AC (alternating current) circuit protected by a 15 Ampere fuse, equivalent fusetrone or circuit breaker.

The three-prong earth/ground plug on the power cord should be plugged directly into a polarized three-slot effective earth/ground receptacle rated 120 Volts AC (alternating current) 15 Amps. Refer to *Figure 22* to determine correct polarity of the wall receptacle.

Plug Cord Into Separately Fused 15 Amp Circuit



1. L1
2. Earth/Ground
3. Neutral
4. Round Earth/Ground Plug
5. Neutral Side
6. 0 V.A.C.
7. 120 ± 12 V.A.C.
8. 120 ± 12 V.A.C.

Figure 22

Earth/Ground Information

This appliance must be properly connected to protective earth/ground. In the event of malfunction or breakdown, the earth/ground will reduce the risk of electric shock by providing a path of least resistance for electric current.

The dryer is equipped with a cord having an equipment earth/ground conductor. The plug must be plugged into an appropriate outlet that is properly installed and connected to a protective earth/ground in accordance with all local codes and ordinances.



WARNING

This unit is equipped with a three-prong (earth/ground) plug for your protection against shock hazard and should be plugged directly into a protective earth/ground three-prong receptacle. Do not cut or remove the earth/ground prong from this plug.

W823



WARNING

Improper connection of the equipment earth/ground conductor can result in a risk of electric shock. Check with a qualified electrician or service person if you are in doubt as to whether the dryer is properly connected to a protective earth/ground.

W886

Do not modify the plug provided with the dryer – if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

NOTE: Have a qualified electrician check the polarity of the wall receptacle. If a voltage reading is measured other than that illustrated, the qualified electrician should correct the problem.

Do not operate other appliances on the same circuit.



WARNING

To reduce the risk of an electric shock or fire, **DO NOT** use an extension cord or an adapter to connect the dryer to the electrical power source.

W037

Recheck Steps

Refer to Installer Checklist on the back cover of this manual and make sure that dryer is installed correctly.

Check Heat Source

Electric Dryers

1. Close the loading door and start the dryer in a heat setting (refer to the operation instructions).

2. After the dryer has operated for three minutes, the exhaust air or exhaust pipe should be warm.

Gas Dryers

IMPORTANT: This operation is to be conducted by qualified personnel only.

1. To view the burner flame, remove the lower front panel of the dryer.
2. Close the loading door and start the dryer in a heat setting (refer to the operation instructions). The dryer will start, the igniter will glow red and the main burner will ignite.

IMPORTANT: If all air is not purged out of gas line, gas igniter may go off before gas is ignited. If this happens, after approximately two minutes igniter will again attempt gas ignition.

IMPORTANT: If igniter does not light, make sure gas is turned on.

3. After the dryer has operated for approximately five minutes, observe burner flame through lower front panel.
4. Adjust the air shutter to obtain a soft, uniform blue flame. (A lazy, yellow-tipped flame indicates lack of air. A harsh, roaring, very blue flame indicates too much air.) Adjust the air shutter as follows:
 - a. Loosen the air shutter lockscrew.
 - b. Turn the air shutter to the left to get a luminous yellow-tipped flame, then turn it back slowly to the right to obtain a steady, soft blue flame.
 - c. After the air shutter is adjusted for proper flame, tighten the air shutter lockscrew securely.
5. Reinstall the lower front panel.



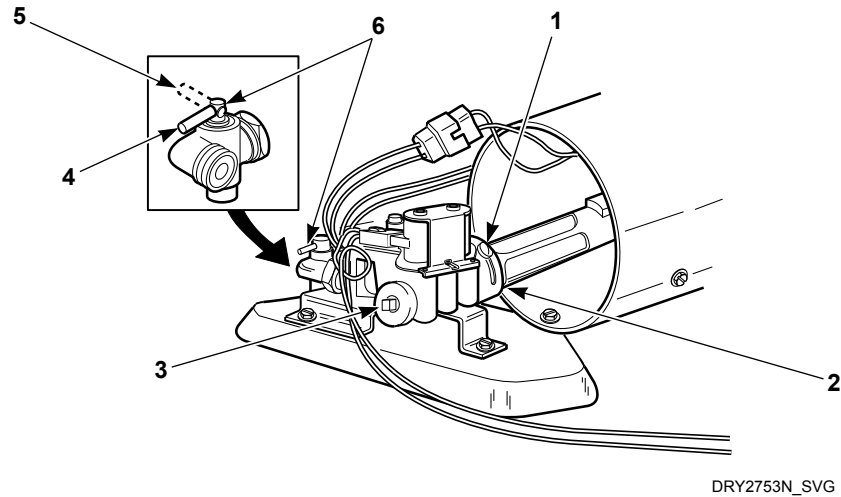
WARNING

To reduce the risk of serious injury or death, **lower front panel must be in place during normal operation.**

W158

6. After the dryer has operated for approximately three minutes, exhaust air or exhaust pipe should be warm.

Shut-off Valve Only Applicable on Certain Models

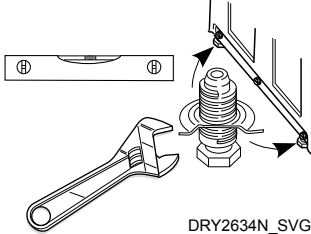
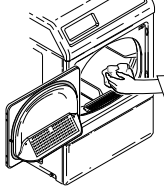
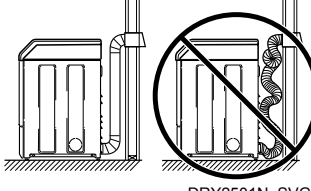
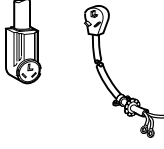
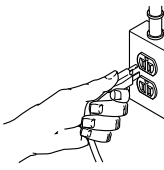
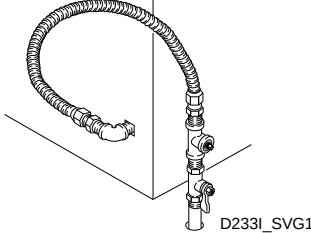
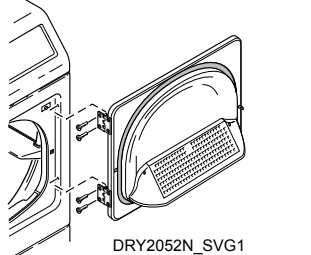


1. Air Shutter Lockscrew
2. Air Shutter
3. 3.1 mm [1/8 in.] Pipe Plug (For checking manifold pressure)
4. Shut-off Valve Open Position
5. Shut-off Valve Closed Position
6. Shut-off Valve Handle

Figure 23

Installer Checklist

Fast Track for Installing the Dryer

1	Position and Level the Dryer.	 DRY2634N_SVG	5	Wipe Out Inside of Dryer.	 DRY2504N_SVG1
	CHECK			CHECK	
2	Connect Dryer Exhaust System.	 DRY2501N_SVG1	6	Plug In the Dryer.	Electric  D275I_SVG1 Gas  D254I_SVG
	CHECK			CHECK	
3	GAS ONLY • Connect Gas Supply Pipe. • Check for Gas Leaks.	 D233I_SVG1	7	Recheck Steps.	
	CHECK			CHECK	
4	Reverse Door, if Desired.	 DRY2052N_SVG1	8	Start and Run Dryer in Heat Setting to Verify Dryer is Heating.	
	CHECK			CHECK	

Refer to the manual for more detailed information