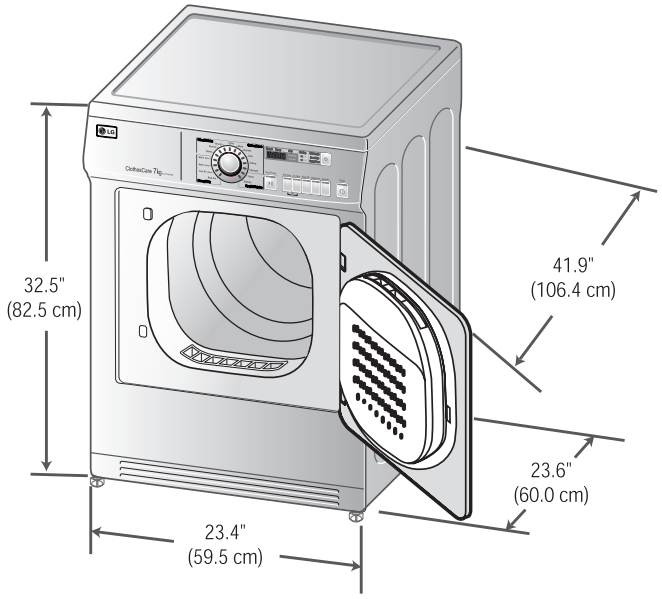
Installation Instructions

The following instructions will help guide you through the initial steps of setting up your dryer for use. Please note that every section of this manual provides important information regarding the preparation and use of your dryer, and it is important that you review this entire manual before proceeding with any installation or use. More detailed instructions concerning electrical connections, gas connections, and exhaust requirements are provided in other parts of this manual.

STEP 1 Positioning the Dryer.

Choose a location with a solid floor for your dryer. Place the dryer at least eighteen inches above the floor for a garage installation. After placing the dryer in the desired location, make sure that it has the required clearances shown.



Note

Leveling legs should be secured.
All four legs are stably placed on the solid and even floor.
If dryer is not level, laundry may not tumble properly and the sensor will not detect the accurate humidity information.
When leveling, please be cautious to avoid injury.

Installation Instructions

STEP 2 Electrical Plug Connections

Following are several warnings and instructions concerning making the electrical connection for electric dryers. More detailed information concerning the electrical connection is provided at the manual section entitled Electrical Requirements For Electric Dryer and it is important that you thoroughly review that section, and the remainder of this manual, before taking any steps to install or use this dryer.

1. Use only a new U.L. listed No. 10 (copper wire only) three conductor power supply cord kit rated 240 Volts (minimum) 30 Amperes and labeled as suitable for use in a clothes dryer.
2. Four-wire cord is required for manufactured (mobile) home installations and use and where local codes do not allow grounding of this appliance through neutral.
3. Electrical Plug Connections.
4. For additional instruction on connecting the dryer to an electrical power source, please refer to this manual's section on Electrical Requirements and Electric Dryer.

⚠ WARNING!

- Use a new UL approved 30 amp power supply cord or 10 gauge solid copper wire.
- Use a UL approved strain relief.
- Disconnect power before making electrical connections.
- Connect neutral wire (white or center wire) to center terminal.
- Ground wire (green or bare wire) must be connected to green ground connector.
- Securely tighten all electrical connections
- See installation instructions for complete instructions.
- Failure to do so can result in fire or electrical shock.

STEP 3 Preparation of the Dryer

Prior to the first use of this appliance, use all-purpose cleaning products or a solution of detergent and water, with a damp cloth to remove from the inside of the dryer drum/drying compartment any dust or dirt that may have accumulated in the inside of the dryer. Plug in your dryer after reviewing the following parts on your dryer's Electrical Requirements.

STEP 4 Confirming Heat Source Operation

Close the door to the dryer drum/drying compartment and, after completing all steps in this manual for proper installation of this dryer, start the dryer on a heat setting, as described more fully in the operating instructions that accompany the dryer.

STEP 5 Additional Instructions for Installation of Your Dryer in a Manufactured or Mobile Home

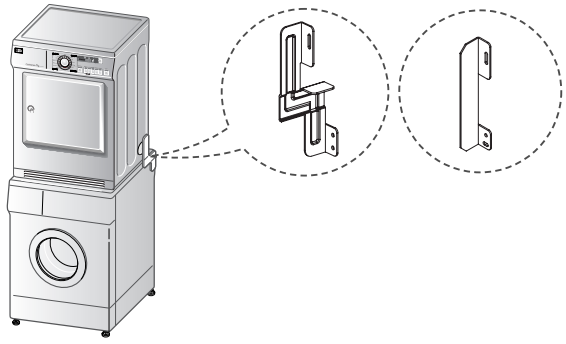
The following instructions are applicable to installations of the dryer in a manufactured or mobile home. Any installation in a manufactured or mobile home must comply with the Manufactured Home Construction and Safety Standards Title 24 CFR, Part 32-80 or Standard CAN/CSA0Z240 MH and local codes and ordinances. If you are uncertain whether your proposed installation will comply with these standards, please contact a service and installation professional for assistance.

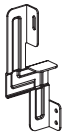
1) The electrical connection for an electric dryer must be a 4-wire connection. More detailed information concerning the electrical connection is provided at the manual section entitled Electrical Requirements for Electric Dryer

Installation Instructions

Stacking Kit

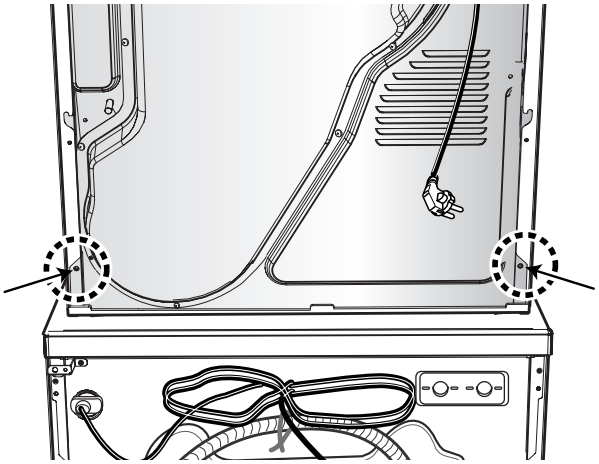
In order to stack this dryer on an LG washing machine, an LG stacking kit is needed.



Washer top plate size		
	23.6 inch(600 mm)	21.7 inch(550 mm)
Shape		

Installation Procedure

1. Place the LG dryer on the LG Washing machine.
2. Unscrew Rear cover in the Base by unscrewing 2 screws.

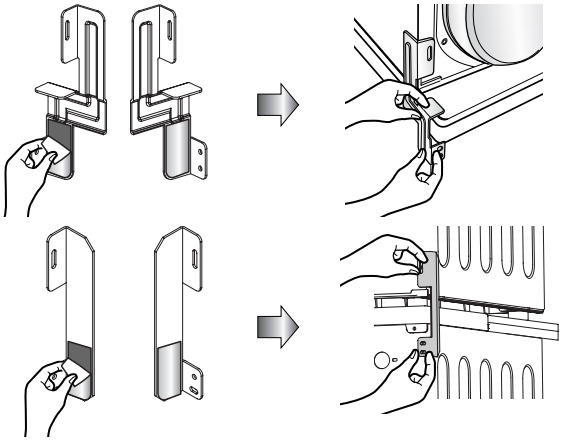


⚠ WARNING!

Incorrect installation can cause serious accidents.

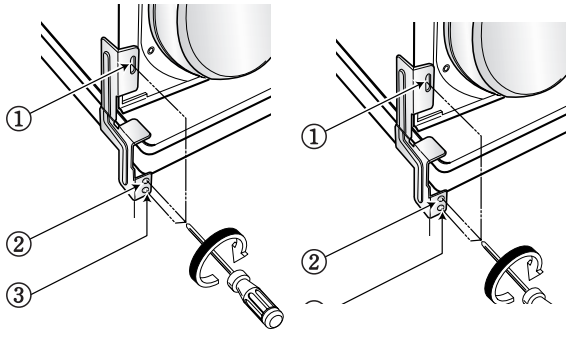
The weight of the dryer and the height of installation makes the stacking procedure too risky for one person. This procedure should be performed by 2 or more experienced service personnel.

3. After detaching protection sheet of double-side tape, align stacking kit holes rear cover holes and then attach tape to the washer by pressing hard.



4. Assemble a stacking kit as following.

- Screw 2 screws which is unscrewed earlier to assemble dryer rear back and stacking kit. ①
- Use accessory screws to assemble washer rear cover and stacking kit. ②,③
- The procedure for the opposite side will be the same.

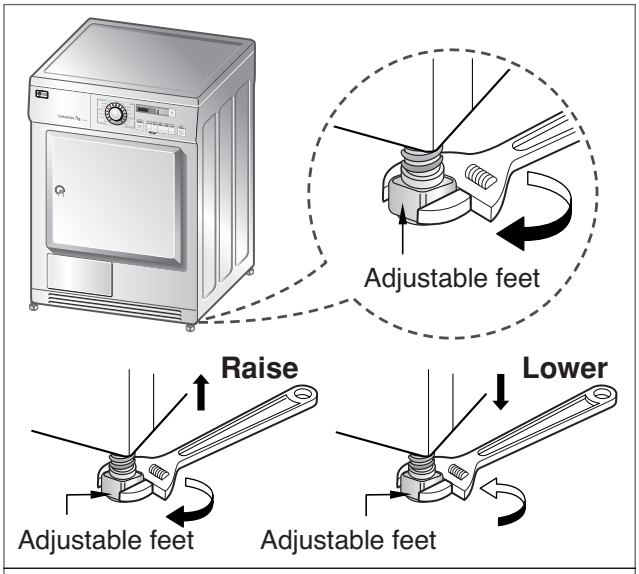


Installation Instructions

Level the dryer

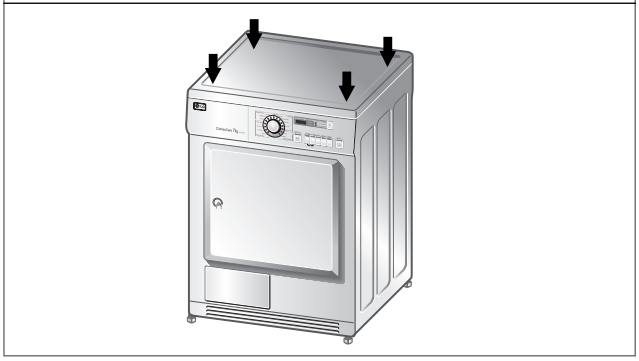
1. Levelling the dryer is to prevent undesirable noise and vibration.

When placing your dryer in a solid and level area where water is not dripping and freezing, and flammable materials are not stored.



2. If the dryer is not properly level, adjust the front levelling legs up and down as necessary.

Turn them clockwise to raise and counterclockwise to lower until the dryer is not wobbling both front-to-back and side-to-side.



※ ***Diagonal Check***

When pushing down the edges of the washing machine, the machine should not move up and down at all. (Check in both directions.)

If machine rocks when pushing the machine top plate diagonally, adjust the feet again.

Electrical Requirement For Electric Dryers

Following are additional instructions regarding electrical connections and requirements for electric dryers.

⚠ **Important 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.

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

Instructions for Grounding of your Electric Dryer:

a) 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.

b) The dryer has its own terminal block that must be connected to a separate 60 Hertz single phase AC 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 RATE VOLTAGE LISTED ON THE NAMEPLATE. 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.

c) If branch circuit to dryer is fifteen feet (4.50 m) or less in length, use U.L. (Underwriters Laboratories) listed No. 10 A.W.G. wire (copper wire only), or as required by local codes. If over fifteen feet (4.50 m), use U.L. (Underwriters Laboratories) listed No. 8 A.W.G. 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.

d) 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.

e) The method of wiring the dryer is optional and subject to local code requirements. Refer to examples on next page.

f) You must select the method by which to wire your dryer according to local code and ordinance requirements. Sample methods are included in the following pages.

⚠ ***WARNING!***

Label all wires prior to disconnection When servicing the dryer, because wiring errors can cause serious injury to you and your dryer.

Electrical Requirement For Electric Dryers

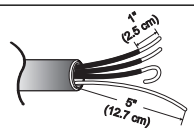
Review the following options to determine the appropriate electrical connection for your home:

4-wire receptacle (NEMA type14-30R)

Use the instructions in this section if your home has a 4-wire receptacle (NEMA type 14-30R) and you will be using a UL listed, 120/240 volt minimum, 30 amp, dryer power supply cord.

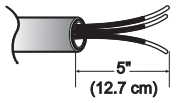
3-wire receptacle (NEMA type10-30R)

Use the instructions in this section if your home has a 3-wire receptacle (NEMA type 10-30R) and you will be using a UL listed, 120/240 volt minimum, 30 amp, dryer power supply cord.



4-wire direct

If this type is available at your home. you will be connecting to a fused disconnect or circuit breaker box



3-wire direct

If this type is available at your home. you will be connecting to a fused disconnect or circuit breaker box

Note

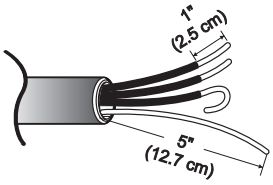
- **Screw power supply wire to the terminal block. Colored wire should be connected to same color screw. Wire color indicated on manual is connected to the same color screw in block. Otherwise, excessive current is applied resulting in damages on product and heating failure.**
- **Direct-wire connections do not meet the building code regulations in most areas. It is the customer's responsibility to ensure that the installation meets all such requirements.**

4-wire connection : Direct wire

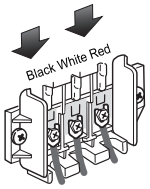
Important : Grounding through the neutral conductor is prohibited for (1) new branch-circuit installations, (2) mobile homes, and (3) recreational vehicles, and (4) areas where local codes prohibit grounding through the neutral conductor.

Prepare minimum 5ft (1.52m) of length in order for dryer to be replaced.

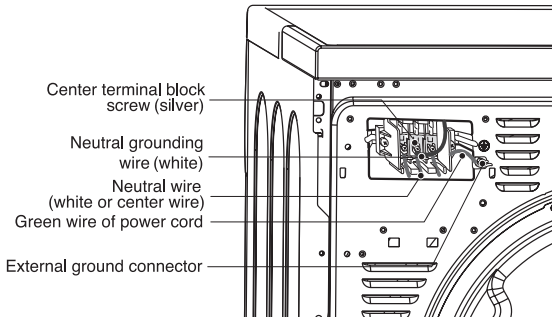
First, peel 5 inches (12.7cm) of covering material from end. Strip 5 inches of ground wire insulation. After cutting $1^1/_2$ inch (3.8cm) from 3 other wires peel insulation back 1inch (2.5cm). Make ends of 3 wires a hook shape.



Then, put the hooked shape end of the wire under the screw of the terminal block (hooked end facing rightward) and pinch the hook together and screw tightly.



1. Connect neutral wire (white) of power cord to center terminal block screw.
2. Connect red and black wire to the left and right terminal block screws.
3. Connect ground wire (green) of power cord to external ground screw and the move neutral ground wire of appliance and connect it to center screw.
4. Make sure that the strain relief screw is tightened. and be sure that all terminal block nuts are on tight and power cord is in right position.



Electrical Requirement For Electric Dryers

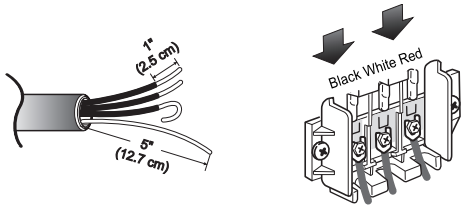
3-wire connection : Direct wire

Important : Grounding through the neutral conductor is prohibited for (1) new branch-circuit installations, (2) mobile homes, and (3) recreational vehicles, and (4) areas where local codes prohibit grounding through the neutral conductor.

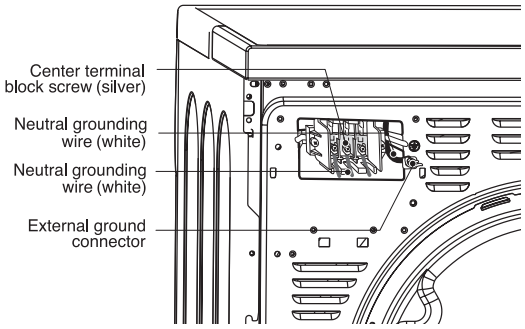
Prepare minimum 5ft (1.52m) of length in order for dryer to be replaced.

First, strip 5 inches (12.7cm) of outer sheath from end and strip 1 inch of insulation from each conductor.

Then, put the hooked shape end of the wire under the screw of the terminal block (hooked end facing rightward) and pinch the hook together and screw tightly.



1. Connect neutral wire (white) of power cord to center terminal block screw.
2. Connect red and black wire to the left and right terminal block screws.
3. Make sure that the strain relief screw is tightened and be sure that all terminal block nuts are on tight and power cord is in right position.

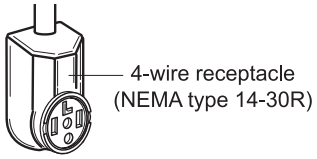


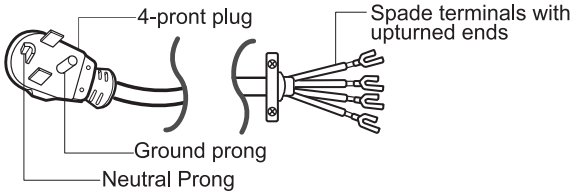
⚠ WARNING!

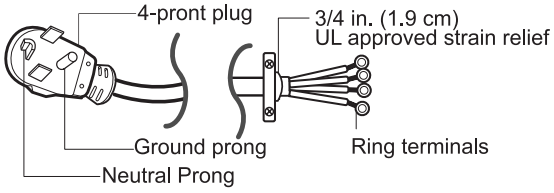
Direct-wire connections do not meet the building code regulations in most areas. It is the customer's responsibility to ensure that the installation meets all such requirements.

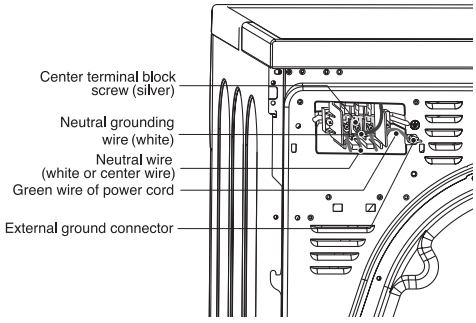
Option 1: 4-wire connection with a Power supply cord.

• lf your local codes or ordinances do not allow the use of a 3 wire connection, or you are installing your dryer in a mobile home, you must use a 4-wire connection.







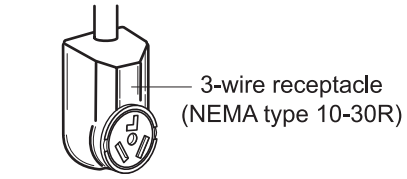


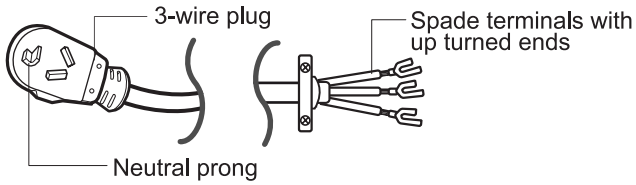
1. Connect neutral wire (white) of power cord to center terminal block screw.
2. Connect red and black wire to the left and right terminal block screws.
3. Connect ground wire (green) of power cord to external ground screw and move neutral ground wire of appliance and connect it to center screw.
4. Make sure that the strain relief screw is tightened and be sure that all terminal block nuts are on tight and power cord is in right position.

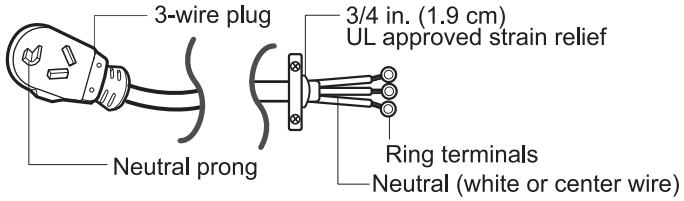
Electrical Requirement For Electric Dryers

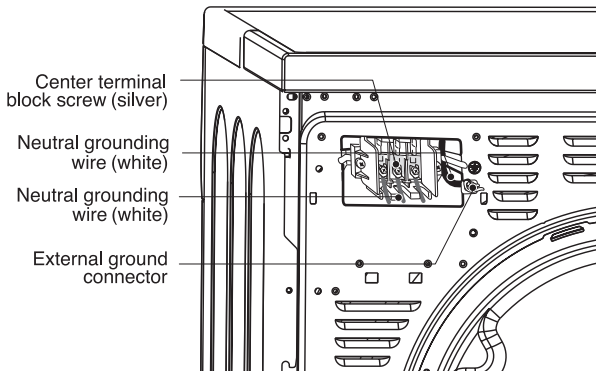
Option 2: 3-Wire Connection with a Power Supply Cord

If your local codes or ordinances permit the connection of a frame-grounding conductor to the neutral wire, use these instructions. If your local codes or ordinances do not allow the connection of a frame-grounding conductor to the neutral wire, use the instructions under
Section 3: Optional 3-wire connection.



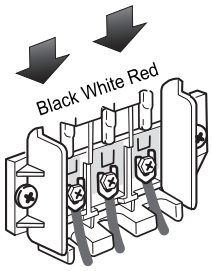


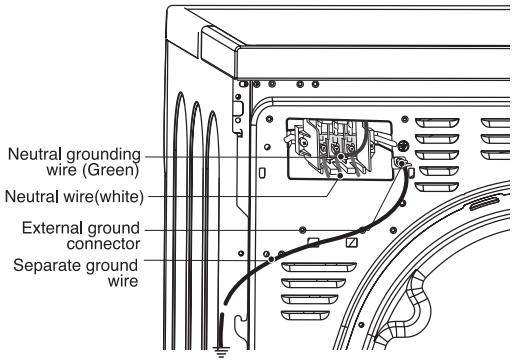




Option 3: Optional 3-wire connection.

- If your local codes or ordinances do not allow the connection of a frame-grounding conductor to the neutral wire, use the instructions under this section.





1. Connect neutral wire (white) of power cord to center terminal block screw.
2. Connect ground wire of appliance and neutral wire of power cord to center terminal block screw.
3. Connect red and black wire to the left and right terminal block screws.
4. Make sure that the strain relief screw is tightened. and be sure that all terminal block nuts are on tight and power cord is in right position.
5. Connect a independent ground wire from external ground connector to proper ground.
   This is probably a good way to create a ground loop and electrcute someone.