

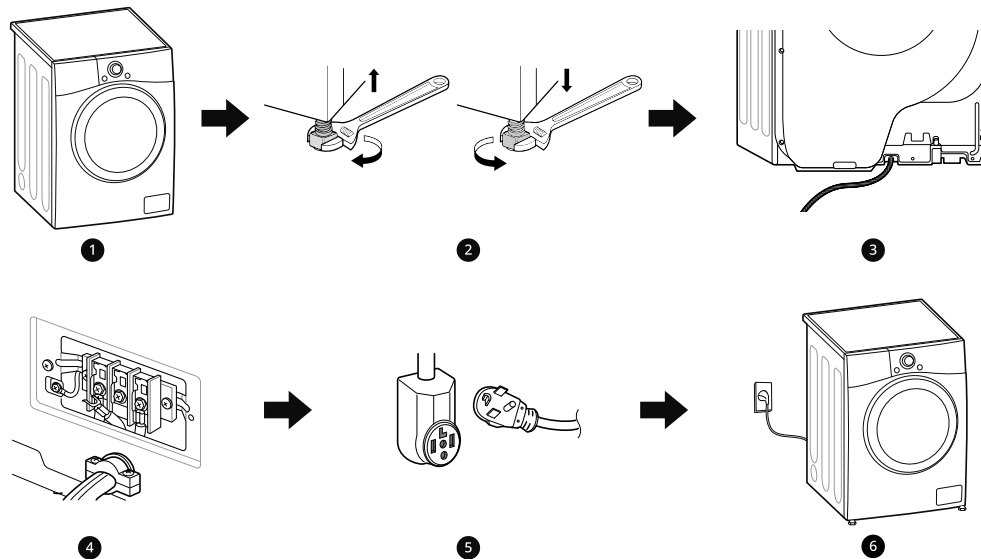
INSTALLATION

Before Installing

Installation Overview

Please read the following installation instructions first after purchasing this dryer or transporting it to another location.

ENGLISH



- 1 Choose the proper location.
- 2 Level the appliance.
- 3 Connect the drain hose.
- 4 Connect the heat pump electric dryer.
- 5 Plug in the power cord.
- 6 Final Installation Check

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Choosing the Proper Location

⚠ WARNING

- Read all installation instructions completely before installing and operating the appliance. It is important that you review this entire manual before installing and using the appliance. Detailed instructions concerning electrical connections and additional requirements are provided on the following pages.

Electricity

Use an individual, grounded electrical outlet located within 2 ft. (61 cm) of either side of the appliance.

⚠ WARNING

- Do not install or store the appliance in an area where it will be exposed to water and/or weather.

NOTE

- Check code requirements that limit, or do not permit, installation of the dryer in garages, mobile homes or sleeping quarters. If you have questions, contact your local building inspector.

Flooring

To avoid noise and vibration, the appliance must be installed and leveled on a solidly constructed floor with a maximum slope of 1 inch (2.5 cm). If required, adjust the leveling legs to compensate for the unevenness of the floor.

NOTE

- A sturdy floor is needed to support the total appliance weight when loaded. The combined weight of additional appliances should also be considered.
- Clothes may not tumble properly, and automatic sensor cycles may not operate correctly if the appliance is not level.
- For garage installation, you will need to place the appliance at least 18 inches (45.7 cm) above the floor. The standard pedestal height is 15 inches (38 cm). You will need 18 inches (45.7 cm) from the garage floor to the bottom of the appliance.

Ambient Temperature

Install the appliance in an area where the temperature is over 41 °F (5 °C).

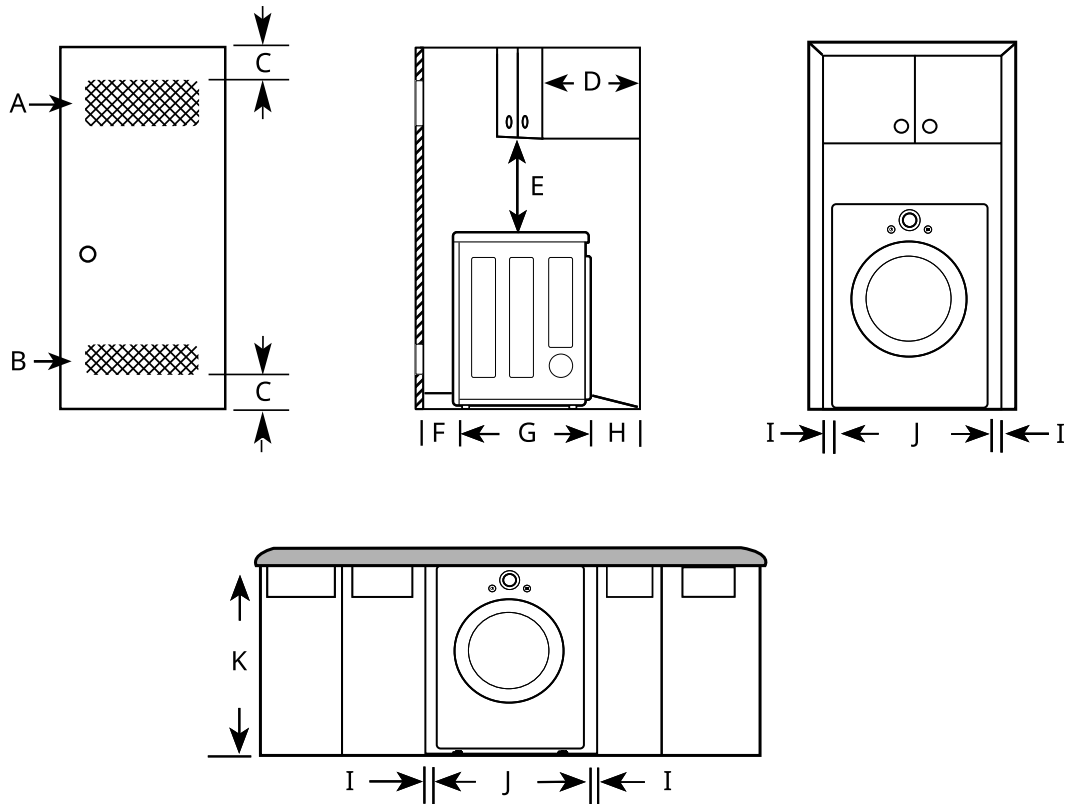
If the temperature around the appliance is too low, the appliance might not shut off at the end of an automatic cycle. This can result in longer drying times.

Dimensions and Clearances

The following clearances are recommended for the appliance.

- Additional clearances should be considered for ease of installation and servicing.
- Additional clearances should be considered on all sides of the dryer to reduce noise transfer.

Installation Spacing for Recessed Area or Closet Installation



-	Description	Dimension/Clearance
A	Upper Ventilation Opening	≥ 48 sq. in. (310 cm ²)
B	Lower Ventilation Opening	≥ 24 sq. in. (155 cm ²)
C	Distance to Ventilation Opening	$\geq 3"$ (76 mm)
D	Overhead Cabinet Depth	$\leq 14"$ (356 mm)
E	Distance to the Overhead Cabinet/Shelf	$\geq 18"$ (457 mm)
F	Front Clearance	1" (25 mm)
G	Depth	32 1/4" (820 mm)
H	Back Clearance	$\geq 5"$ (127 mm)
I	Side Clearance	$\geq 1"$ (25 mm)
J	Width	27" (700 mm)
K	Height of Cabinet Opening	39" (990 mm)

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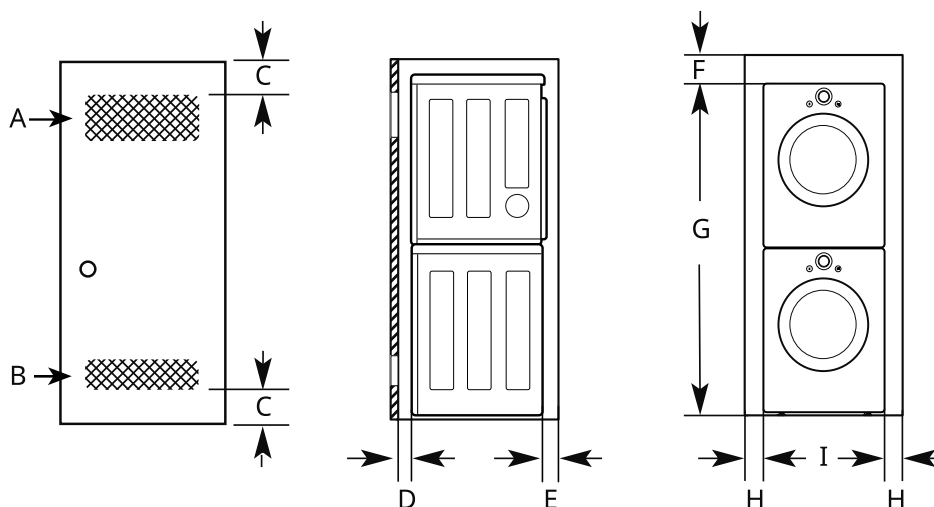
Closet Ventilation Requirements

Closets with doors must have both an upper and lower vent to prevent heat and moisture buildup in the closet. One upper vent opening with a minimum opening of 48 sq. in. (310 cm²) must be installed no lower than 6 feet above the floor. One lower vent opening with a minimum opening of 24 sq. in. (155 cm²) must be installed no more than one foot above the floor. Install vent grilles in the door or cut down the door at the top and bottom to form openings. Louvered doors with equivalent ventilation openings are also acceptable.

NOTE

- There should be at least a little space around the dryer (or any other appliance) to eliminate the transfer of vibration from one appliance to another. If there is enough vibration, it could cause appliances to make noise or come into contact, causing paint damage and further increasing noise.
- No other fuel-burning appliance can be installed in the same closet as a dryer.

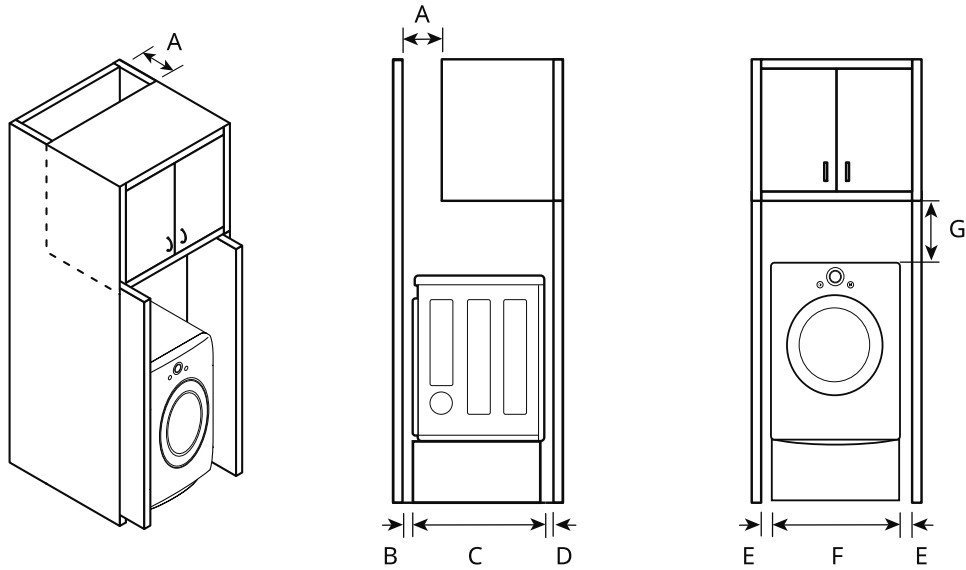
Installation Spacing for Recessed Area or Closet, with Stacked Washer and Dryer



-	Description	Dimension/Clearance
A	Upper Ventilation Opening	≥ 48 sq. in. (310 cm ²)
B	Lower Ventilation Opening	≥ 24 sq. in. (155 cm ²)
C	Distance to Ventilation Opening	≥ 3" (76 mm)
D	Front Clearance	≥ 1" (25 mm)
E	Back Clearance	≥ 5 1/2" (140 mm)
F	Top Clearance to the Ceiling	≥ 6" (152 mm)
G	Height to the Top of Stacked Appliances [†]	78" (1980 mm)
H	Side Clearance	≥ 1" (25 mm)
I	Width [†]	27" (700 mm)

[†] Differs depending on the washer dimensions.

Installation Spacing for Cabinet



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

-	Description	Dimension/Clearance
A	Depth of Ventilation Opening	$\geq 7''$ (178 mm)
B	Back Clearance	$\geq 5''$ (127 mm)
C	Depth	$32 \frac{1}{4}''$ (820 mm)
D	Front Clearance	$\geq 1''$ (25mm)
E	Side Clearance	$\geq 1''$ (25 mm)
F	Width	$27''$ (700 mm)
G	Clearance to Top of Cabinet	$\geq 9''$ (229 mm)

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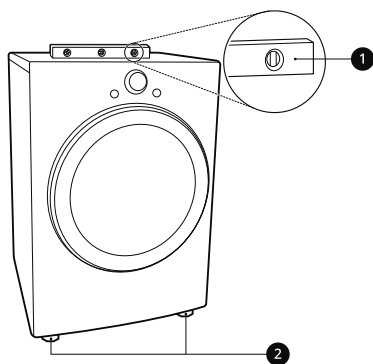
Leveling the Appliance

⚠ WARNING

- Use long-sleeved gloves and safety glasses.
- The appliance is heavy. Two or more people are required when installing the appliance.

Checking the Level

Position the appliance in the final location and place a level across the top of the appliance.



- ① Level
- ② Leveling Feet

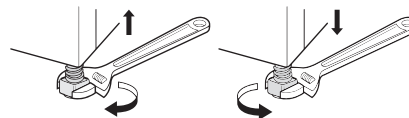
NOTE

- All four leveling feet must rest solidly on the floor. Gently push on the top corners of the appliance to make sure that the appliance does not rock from corner to corner.
- Adjust the leveling feet only as far as necessary to level the appliance. Extending the leveling feet more than necessary may cause the appliance to vibrate.
- To ensure that the appliance provides optimal drying performance, it must be level. To minimize vibration, noise, and unwanted movement, the floor must be a perfectly level, solid surface.

Adjusting the Leveling Feet

Use an adjustable wrench to turn the leveling feet. Unscrew the legs to raise the appliance or screw in the legs to lower it. Raise or lower with the leveling feet until the appliance is level from side to side

and front to back. Make sure that all four leveling feet are in firm contact with the floor.



NOTE

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

Stacking the Appliance

Tools Required

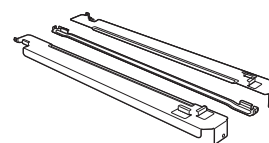
- Phillips screwdriver

Stacking Kit Installation

⚠ WARNING

- The weight of the appliance and the height of installation make this stacking procedure too risky for one person. Two or more people are required when installing the stacking kit.
- Place the washer on a solid, stable, level floor capable of supporting the weight of both appliances.
- Do not stack the washer on top of the dryer.
- If appliances are already installed, disconnect them from all power, water and drain connections.

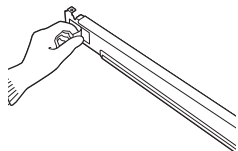
This stacking kit includes:



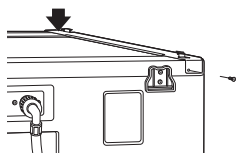
- Two (2) side brackets
- One (1) front rail
- Four (4) screws

To ensure safe and secure installation, please observe the following instructions.

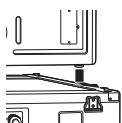
- 1 Make sure the surface of the washer is clean and dry. Remove paper backing from the tape on one of the stacking kit side brackets.



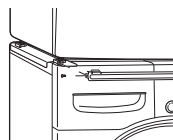
- 2 Fit the side bracket to the side of the washer top as shown. Firmly press the adhesive area of the bracket to the washer surface. Secure the side bracket to the washer with a screw on the back side of the bracket. Repeat steps 1 and 2 to attach the other side bracket.



- 3 Place the appliance on top of the washer, fitting the dryer feet into the side brackets as illustrated. Avoid finger injuries; do not allow fingers to be pinched between the washer and the appliance. Slowly slide the appliance toward the back of the washer until the side bracket stoppers catch the dryer feet.



- 4 Insert the front rail between the bottom of the appliance and the top of the washer. Push the front rail toward the back of the washer until it comes in contact with the side rail stoppers. Install the two remaining screws to secure the front rail to the side rails.



Stacking the Appliance on Mini-Washer or Pedestal

⚠ WARNING

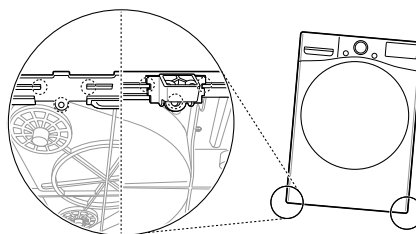
- The weight of the appliance makes the support assembly and stacking process too risky for one person. Two or more people are required when installing the supports to stack the appliance on a mini washer or pedestal.

Use the provided supports when stacking the dryer on a mini-washer or pedestal.

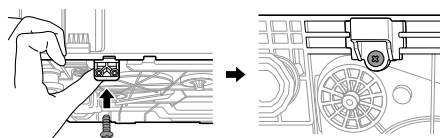
- 1 Tilt the dryer from the left and right sides of the dryer. Fit the supports to the sides of the dryer bottom as shown.

⚠ CAUTION

- Do not lay the dryer on its side or it could malfunction.



- 2 Secure the support to the dryer with a screw. Repeat steps 1 and 2 to attach the other supports, two on each side.



- 3 Stack the dryer following the instructions in the manual included in the mini washer or pedestal.

Connecting Electric Dryers

⚠ WARNING

- To reduce the risk of fire or explosion, electric shock, property damage, injury to persons, or

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death when using this appliance, fulfill the following requirements.

Electrical Requirements for Electric Models

⚠ WARNING

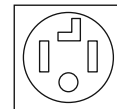
- The wiring and grounding must conform to the latest edition of the National Electrical Code, ANSI/NFPA 70 and all applicable local regulations. Please contact a qualified electrician to check your home's wiring and fuses to ensure that your home has adequate electrical power to operate the appliance.
- This appliance 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 appliance.
- The appliance has its own terminal block that must be connected to a separate 240 VAC, 60-Hertz, single-phase circuit, fused at 15 amperes. (The circuit must be fused on both sides of the line.) ELECTRICAL SERVICE FOR THE APPLIANCE SHOULD BE OF THE MAXIMUM RATE VOLTAGE LISTED ON THE NAMEPLATE. DO NOT CONNECT THE APPLIANCE TO 110-, 115-, OR 120-VOLT CIRCUIT.
- If the branch circuit to appliance is 15 ft. (4.5 m) or less in length, use UL (Underwriters Laboratories) listed No.-10 AWG wire (copper wire only), or as required by local codes. If over 15 ft. (4.5 m), use UL-listed No.-8 AWG wire (copper wire only), or as required by local codes. Allow sufficient slack in wiring so the appliance can be moved from its normal location when necessary.
- The power cord (pigtail) connection between the wall receptacle and the appliance terminal block IS NOT supplied with the appliance. Type of pigtail and gauge of wire must conform to local codes and with instructions on the following pages.
- Do not modify the plug and internal wire provided with the appliance.
- The appliance should be connected to a 4-hole outlet.
- If the plug does not fit the outlet, a proper outlet will need to be installed by a qualified electrician.
- Connect the power cord to the terminal block. Each colored wire should be connected to the same color screw. Wire color indicated in manual

is connected to the same color screw in the block.

- Grounding through the neutral conductor is prohibited for: (1) new branch-circuit installations and (2) areas where local codes prohibit grounding through the neutral conductor.
- This appliance is supplied with the neutral wire grounded. This white ground wire **MUST BE MOVED** to the neutral terminal when a 4-wire cord is to be used, or where grounding through the neutral conductor is prohibited.

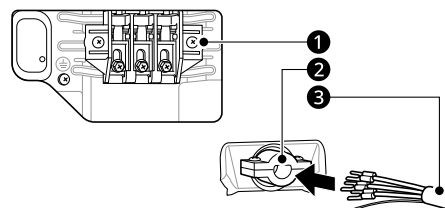
Four-Wire Power Cord

- A UL-listed strain relief is required.



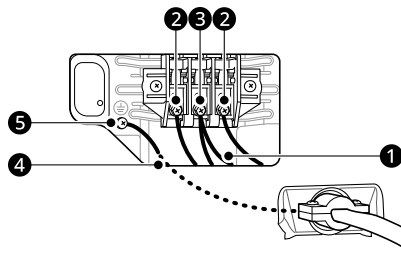
- Use a 30-amp, 240-volt, 4-wire, UL-listed power cord with #10 AWG-minimum copper conductor and closed loop or forked terminals with upturned ends.

- 1 Remove the terminal block access cover on the upper back of the appliance.
- 2 Install UL-listed strain relief into the power cord through-hole.
- 3 Thread a 30-amp, 240-volt, 4-wire, UL-listed power cord with #10 AWG-minimum copper conductor through the strain relief.



- ① Terminal Block
- ② UL-Listed Strain Relief
- ③ UL-Listed 4-Wire Power Cord

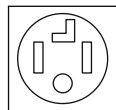
- 4 Transfer the appliance's ground wire from behind the green ground screw to the center screw of the terminal block.
- 5 Attach the two hot leads (black and red) of the power cord to the outer terminal block screws.
- 6 Attach the neutral (white) wire to the center screw of the terminal block.
- 7 Attach the power cord ground wire to the green ground screw.
- 8 Tighten all screws securely.
- 9 Reinstall the terminal block access cover.



- ① White Wire moved from Ground Screw
- ② Hot Leads of Power Cord (Black and Red)
- ③ Neutral Wire (White)
- ④ Power Cord Ground Wire
- ⑤ Ground Screw

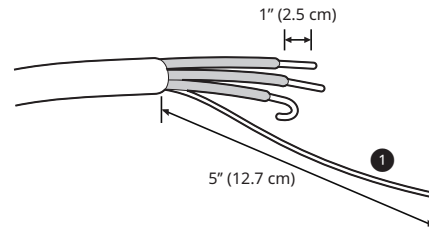
Four-Wire Direct Wire

- A UL-listed strain relief is required.



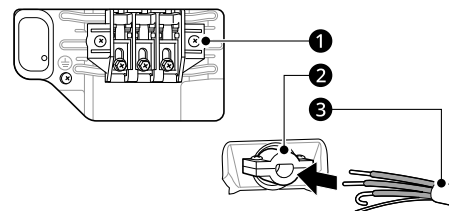
- Use UL-listed 4-wire #10 AWG minimum copper conductor cable. Allow at least 5 ft. (1.5 m) of wire to allow for removal and reinstallation of the dryer.

- 1 Remove 5 inches (12.7 cm) of the outer covering from the wire and remove 5 inches of insulation from the ground wire. Cut off approximately 1.5 inches (3.8 cm) from the other three wires and strip 1 inch (2.5 cm) insulation from each wire. Bend the ends of the three shorter wires into a hook shape.



- ① Ground Wire

- 2 Remove the terminal block access cover on the upper back of the appliance.
- 3 Install UL-listed strain relief into the power cord through-hole.
- 4 Thread the 4-wire #10 AWG minimum copper power cable prepared in step 1 through the strain relief.

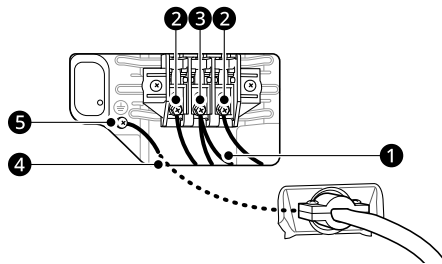


- ① Terminal Block
- ② UL-Listed Strain Relief
- ③ UL-Listed 4-Wire Power Cord

- 5 Transfer the appliance's ground wire from behind the green ground screw to the center of the terminal block.
- 6 Attach the two hot leads (black and red) of the power cord to the outer terminal block screws.

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- 7** Attach the neutral (white) wire to the center screw of the terminal block.
- 8** Attach the power cord ground wire to the green ground screw.
- 9** Tighten all screws securely.
- 10** Reinstall the terminal block access cover.



- ❶ White Wire moved from Ground Screw
- ❷ Hot Leads of Power Cord (Black and Red)
- ❸ Neutral Wire (White)
- ❹ Power Cord Ground Wire
- ❺ Ground Screw

Three-Wire Power Cord

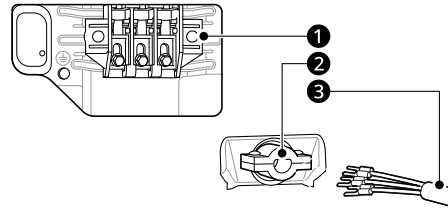
- A 3-wire connection is NOT permitted on new construction after January 1, 1996.



- A UL-listed strain relief is required.
- Use a 30-amp, 240-volt, 3-wire, UL-listed power cord with #10 AWG-minimum copper conductor and closed loop or forked terminals with upturned ends.

- 1** Remove the terminal block access cover on the upper back of the appliance.
- 2** Install the UL-listed strain relief into the power cord through-hole.

- 3** Thread a 30-amp, 240 volt, 3-wire, UL-listed power cord with #10 AWG-minimum copper conductor through the strain relief.



- ❶ Terminal Block
- ❷ UL-Listed Strain Relief
- ❸ UL-Listed 3-Wire Power Cord

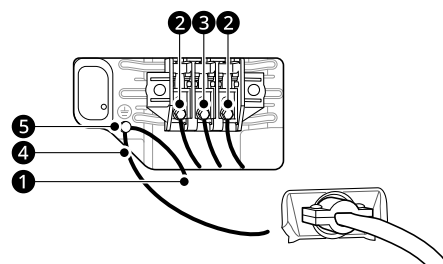
- 4** Attach the two hot leads (black and red) of the power cord to the outer terminal block screws.

- 5** Attach the neutral (white) wire to the center terminal block screw.

- 6** Connect the external ground (if required by local codes) to the green ground screw.

- 7** Tighten all screws securely.

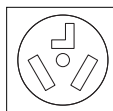
- 8** Reinstall the terminal block access cover.



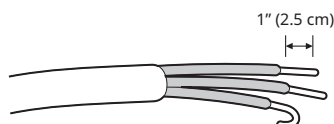
- ❶ White Wire from Dryer Harness
- ❷ Hot Leads of Power Cord (Black and Red)
- ❸ Neutral Wire (White)
- ❹ External Ground Wire (if required by local codes)
- ❺ Ground Screw

Three-Wire Direct Wire

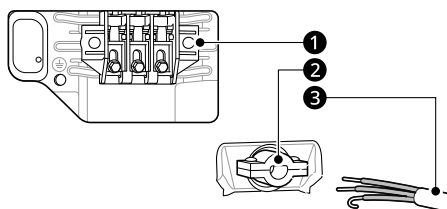
- A 3-wire connection is NOT permitted on new construction after January 1, 1996.
- A UL-listed strain relief is required.
- Use UL-listed 3-wire, #10 AWG minimum copper conductor cable. Allow at least 5 ft. (1.5 m) length to allow for removal and installation of dryer.



- 1 Remove 3.5 inches (8.9 cm) of the outer covering from the wire. Strip 1 inch (2.5 cm) insulation from each wire. Bend the ends of the three wires into a hook shape.



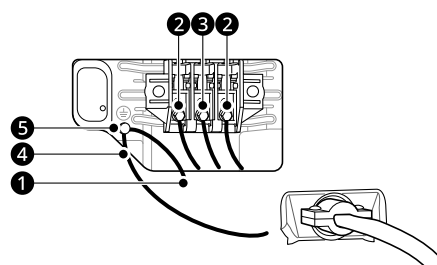
- 2 Remove the terminal block access cover on the upper back of the appliance.
- 3 Install UL-listed strain relief into the power cord through-hole.
- 4 Thread the 3-wire, #10 AWG minimum copper conductor power cable prepared in step 1 through the strain relief.



- ① Terminal block
- ② UL-listed strain relief
- ③ UL-listed 3-wire power cord

- 5 Attach the two hot leads (black and red) of the power cord to the outer terminal block screws.
- 6 Attach the neutral (white) wire to the center terminal block screw.

- 7 Connect the external ground (if required by local codes) to the green ground screw.
- 8 Tighten all screws securely.
- 9 Reinstall the terminal block access cover.



- ① Hot lead (black and red)
- ② Neutral wire (white)
- ③ External ground wire (if required by local codes)
- ④ Wire from the appliance harness
- ⑤ Ground screw (green)

Connecting the Drain Hose

⚠ WARNING

- The drain hose should always be properly secured. Failure to properly secure the drain hose can result in flooding and property damage.

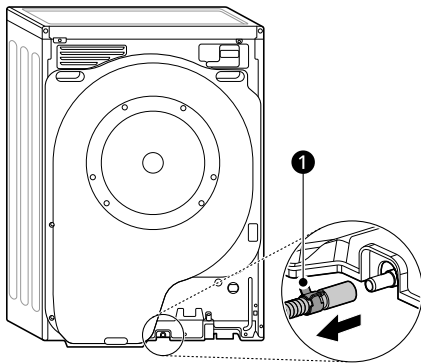
NOTE

- The drain must be installed in accordance with any applicable local codes and regulations.
- Make sure that the drain hose is not stretched, pinched, crushed, or kinked.

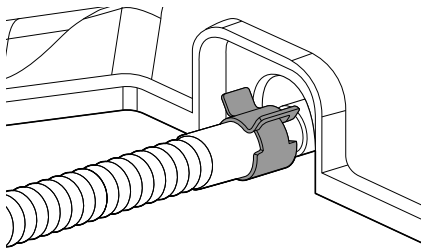
How to Connect the Drain Hose

- 1 Insert the hose clamp ① onto the drain hose of the dryer.

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- 2 Connect the drain hose of the dryer and secure the hose clamp.

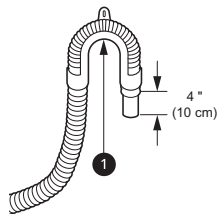


⚠ CAUTION

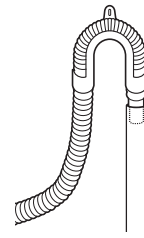
- Leaving the drain hose disconnected can cause leaking and subsequent property damage.

Using a Standpipe to Drain

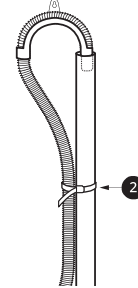
- 1 Clip the end of the hose into the elbow bracket.
 - Connect the elbow bracket ① within **4 inches (10 cm)** of the end of the drain hose. If the drain hose is extended more than **4 inches (10 cm)** beyond the end of the elbow bracket, mold or microorganisms could spread to the inside of the dryer.



- 2 Insert the end of the drain hose into the standpipe.

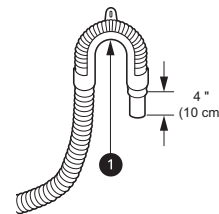


- 3 Use the provided tie strap ② to secure the drain hose in place.

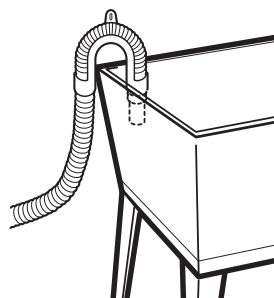


Using the Laundry Tub to Drain

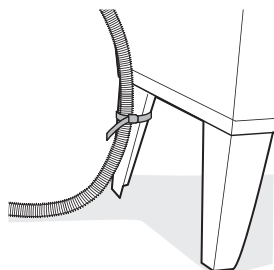
- 1 Clip the end of the hose into the elbow bracket. Connect the drain hose holder to the end of the hose so that the hose does not come out.
 - Connect the elbow bracket ① within **4 inches (10 cm)** of the end of the drain hose. If the drain hose is extended more than **4 inches (10 cm)** beyond the end of the elbow bracket, mold or microorganisms could spread to the inside of the dryer.



- 2 Hang the end of the drain hose over the side of the laundry tub.



- 3** Use the provided tie strap to secure the drain hose in place.



Final Installation Check

Once you have completed the installation of the dryer and it is in its final location, confirm proper operation with the following tests.

Checking Levelness

Once the dryer is in its final location, recheck the dryer to be sure it is level. Make sure it is level front to back and side to side, and that all four leveling feet are in firm contact with the floor.