

## 10 INSTALLATION

# INSTALLATION

## Before Installing

### Tools Needed



- ❶ Pliers
- ❷ Flat-Blade Screwdriver
- ❸ Level

### NOTE

- For instructions on stacking under a top-load-matching dryer, see the instructions in the dryer stacking kit which is available on LG.com. Scan the QR code to link directly to an install video tutorial.

<a href="https://www.lg.com/us/support/video-tutorials/lg-sidekick-washer-installation--20150143294840">https://www.lg.com/us/support/video-tutorials/lg-sidekick-washer-installation--20150143294840</a>	
<a href="https://www.lg.com/ca_en/support/video-tutorials/CT30018120-20150104532921">https://www.lg.com/ca_en/support/video-tutorials/CT30018120-20150104532921</a>	
<a href="https://www.lg.com/ca_fr/soutien/tutoriels-video/CT20100068-20150104911623">https://www.lg.com/ca_fr/soutien/tutoriels-video/CT20100068-20150104911623</a>	

### ⚠ WARNING

- Moving or installation of the appliance requires two or more people. Failure to follow these instructions may result in injury.
- Store and install the appliance where it will not be exposed to temperatures below freezing or exposed to outdoor weather conditions. Failure to follow this warning can cause product or part failure, serious injury, fire, electric shock, or death.
- Properly ground the washer to conform with all governing codes and ordinances. Failure to follow this warning can cause serious injury, fire, electric shock, or death.
- To ensure proper airflow, do not block the large opening on the bottom of the washer with carpeting or other materials.
- Do not remove the ground prong from the power cord. Do not use an adapter or extension cord. Plug into a grounded 3-prong outlet. Failure to follow this warning can cause serious injury, fire, electric shock, or death.
- Certain internal parts are intentionally not grounded and may present a risk of electric shock only during servicing. Service personnel- Do not contact the following parts while the appliance is energized: pump, valve, motor, control board.
- The pedestal washer is for installation and use only underneath an LG front-loading washer manufactured after 2009. A special kit is also available to allow use under an LG top-load-matching dryer manufactured in 2016 or later. Do not use the pedestal washer as a standalone unit, under an LG top-loading washer, or under any other washer or dryer.

## Installation Overview

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

- ❶ Choosing the Proper Location
- ❷ Stacking Pedestal Washer and Front-Loading Washer
- ❸ Connecting the Inlet Hoses
- ❹ Connecting the Drain Hose
- ❺ Leveling the Washer

### NOTE

- The pedestal washer's width must match the stacked LG appliance's width.
- The pedestal washer will not work as a standalone unit.
- The pedestal washer must be stacked under an LG brand appliance in order to operate properly.

## Choosing the Proper Location

Check the following requirements for the install location before installing the washer.

- Allow for sufficient space between the walls and the washer for installation.
- Make sure that the floor is clean, dry and free of dust, dirt, water and oil so the leveling feet cannot slide easily. Leveling feet that can move or slide on the floor can contribute to excess vibration and noise.
- If the floor has too much flex, reinforce it to make it more rigid. If the floor is not solid, it may cause severe vibration and noise.

### Power Outlet

- The power outlet must be within **60 inches (1.5 m)** of either side of the washer.
- Position the washer so that the outlet and plug are easily accessible.
- Do not overload the outlet with more than one appliance.
- The outlet must be grounded in accordance with current electrical wiring codes and regulations.
- Use a time-delay fuse or circuit breaker.
- It is the personal responsibility and obligation of the washer owner to have a proper outlet installed by a qualified electrician.

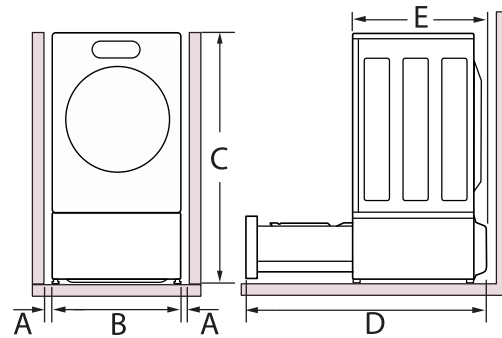
### Flooring

- To minimize noise and vibration, install the washer on a level, solidly constructed floor capable of supporting the washer without flexing or bouncing.
- The washer must be installed on firm flooring to minimize vibration during the spin cycle. Concrete flooring is best, but a wood floor is sufficient, provided it is built to FHA standards.
- The floor under the washer must not slope more than 1 inch (2.5 cm) from front to back or side to side.
- Installing on carpeting and soft tile surfaces is not recommended.
- Never install the washer on a platform or weakly supported structure.

### Floor Installation

To ensure sufficient clearance for water inlet hoses, drain hose and airflow, allow minimum clearances of at least **1 inch (2.5 cm)** at the sides and **4 inches (10 cm)** behind the washer. Be sure

to allow for wall, door, or floor moldings that may increase the required clearances.



Dimensions and Clearances	
A	1" (2.5 cm)
B	29" (73.7 cm)
C	54 1/4" (137.8 cm)
D†	52 3/4" (134 cm)
E	32" (82.1 cm)

† 20" (50.8 cm) additional needed for service

### NOTE

- Refer to the instructions packaged with the optional pedestal kit before stacking appliance on pedestal.
- Do not use a drain pan with a pedestal or pedestal washer installation as it can block the drawer. Using a drain pan may result in increased vibration and noise during operation.

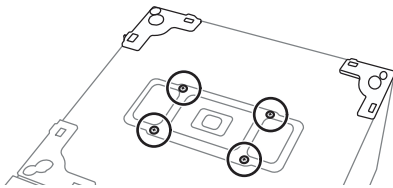
## Stacking Pedestal Washer and Front-Loading Washer

### Unpacking and Removing Packing Materials

- 1 After removing the carton and shipping material, lift the pedestal washer off the foam base.
  - Make sure the plastic tub support comes off with the base and is not stuck to the bottom of the pedestal washer.

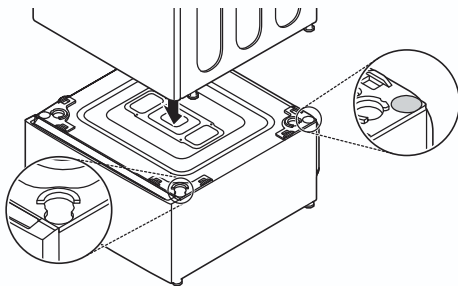
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- 2 Remove and save the foam block for future use.
  - If the pedestal washer must be moved in the future, the foam block will help prevent damage to the pedestal washer during transportation.
  - To prevent damage, do not remove the foam block until the pedestal washer is at the final location.
- 3 Turn the top cover about 180 degrees, cover the opening in the top with the top cover and install 4 short sheet metal screws.

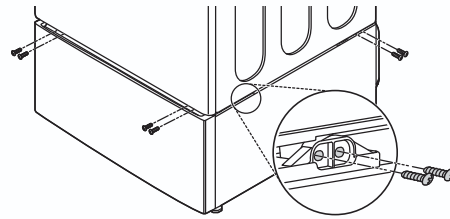


### Stacking the Front-Loading Washer on the Pedestal Washer

- 1 Place the pedestal washer in the final location and adjust the leveling legs on the pedestal washer to level it. Fully retract the legs of the front-loading washer.
- 2 Place the front-loading washer on top of the pedestal washer.
  - Place the leveling feet of the front-loading washer inside the bracket openings on the pedestal washer, and align the bracket screw holes.



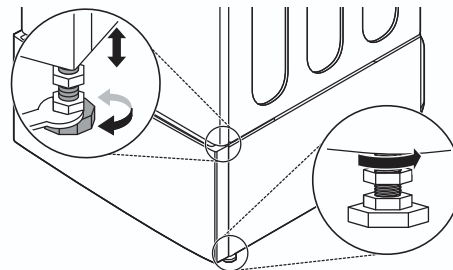
- 3 Securely attach the two washers at the corners using screws.
  - First, insert screws on each side. Then insert screws on the front and back side.



#### NOTE

- For best results, level the pedestal washer before stacking the front-loading washer on top of it, and insert the screws in the recommended order.

- 4 Extend the feet of the front-loading washer slightly until the two washers are snug up against each other. To extend the adjustable feet, turn them clockwise for a half turn with a wrench. Then tighten the four lock nuts. All lock nuts must be tightened.



#### NOTE

- The pedestal washer will not work as a standalone unit.

### Connecting the Water Inlet Hoses

To avoid the risk of costly water damage, purchase and install new water inlet hoses when installing the washer.

#### ⚠ WARNING

- Do not overtighten the hoses or cross-thread the hose fittings. Overtightening or cross-threading can damage the valves or couplings, resulting in leaking and property damage.
- Do not reuse old hoses. Use only new hoses when installing the washer. Old hoses could leak or burst causing flooding and property damage.

Contact an LG Customer Information Center for assistance in buying hoses.

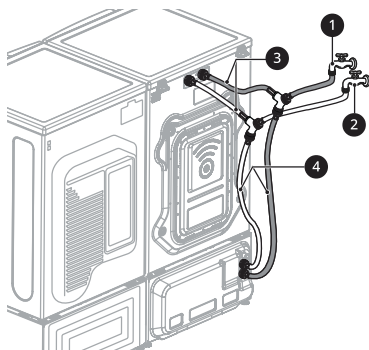
#### NOTE

- Periodically check the hoses for cracks, leaks, and wear, and replace the hoses every five years.
- Do not stretch the water hoses intentionally, and make sure that they are not pinched, crushed or kinked by other objects.
- Water supply pressure must be between **20 psi** and **120 psi (138 - 827 kPa)**. If the water supply pressure is more than **120 psi**, a pressure reducing valve must be installed.
- Your hot water heater should be set to deliver water at **120–135 °F (48–57 °C)** to allow the washer to properly control wash temperatures.
- Do not store or install the washer in a location subject to freezing temperatures. Damage to the water inlet hoses and internal mechanisms of the washer can result. If the washer was exposed to freezing temperatures prior to installation, allow it to stand at room temperature for several hours before use and check for leaks prior to operation.
- Do not use flood-preventing hoses with auto shut off devices. The devices can be tripped during fill and prevent the washer from filling properly.

### Overview of Connections

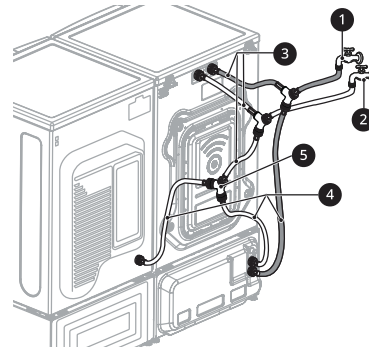
† Required water inlet accessories

#### Front-Loading Washer and Pedestal Washer with Dryer



- 1 Hot Water Tap
- 2 Cold Water Tap
- 3 Short inlet hose (2 EA)<sup>†</sup>
- 4 Long inlet hose (4 EA)<sup>†</sup>

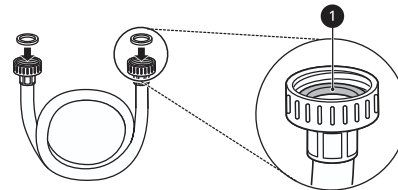
#### Front-Loading Washer and Pedestal Washer with Turbo Steam Dryer



- 1 Hot Water Tap
- 2 Cold Water Tap
- 3 Short inlet hose (3 EA)<sup>†</sup>
- 4 Long inlet hose (5 EA)<sup>†</sup>
- 5 Y-Connector (1 EA)<sup>†</sup>

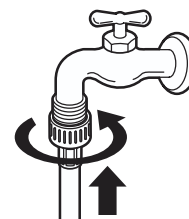
### How to Connect the Water Inlet Hoses

- Check the fittings and seals. Inspect the threaded fitting on each hose and make sure there is a rubber seal 1 in place in both ends of each hose to prevent leaking.



- Connect the water supply hoses.

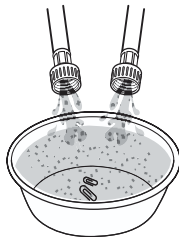
- Connect the water inlet hoses to the hot and cold water faucets tightly by hand and then tighten another 2/3 turn with pliers.
- Connect the blue hose to the cold water faucet and the red hose to the hot water faucet.



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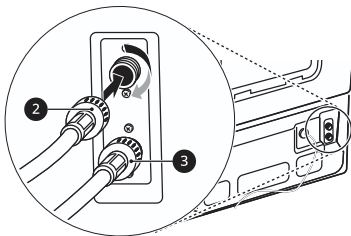
### 3 Flush out the inlet hoses.

- After the hoses are connected, turn on the water faucets and flush out any foreign substances such as dirt, sand, or sawdust.
- Let the water drain into a bucket, and check the water temperature to make sure you've connected the hoses to the correct faucets.



### 4 Attach the inlet hoses to the back of the washer.

- Attach the hot water inlet hose ② to the hot water inlet on the back of the washer. Attach the cold water inlet hose ③ to the cold water inlet on the back of the washer.
- Tighten the fittings securely. Turn on both faucets all the way and check for leaks at both ends of the hoses.



## Connecting the Drain Hose

### Overview of Connections

Connect the drain hose to either a standpipe or laundry tub.

#### **⚠ WARNING**

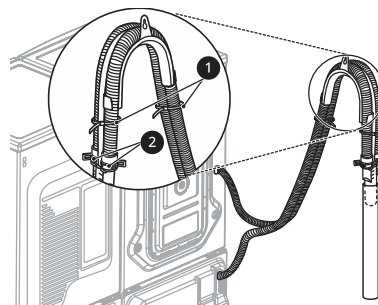
- The drain hose should always be properly secured. Failure to properly secure the drain hose can result in flooding and property damage.

#### **NOTE**

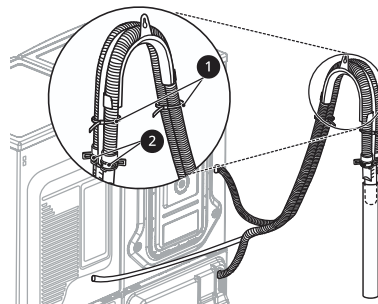
- The drain must be installed in accordance with any applicable local codes and regulations.

- Make sure that the drain hose is not stretched, pinched, crushed, or kinked.
- The end of the drain hose should be located a minimum of **24 inches (61 cm)** and a maximum of **96 inches (244 cm)** above the bottom of the washer.
- For best results, locate the end of the drain hose no higher than **66 inches (168 cm)** above the bottom of the washer. As the drain outlet is raised beyond **66 inches (168 cm)**, the drain function will be increasingly affected.
- Never create an airtight seal between the hose and the drain with tape or other means. If no air gap is present, water can be siphoned out of the drum resulting in poor wash/rinse performance or clothing damage.

### Front-Loading Washer and Pedestal Washer with Dryer



### Front-Loading Washer and Pedestal Washer with Hybrid Dryer



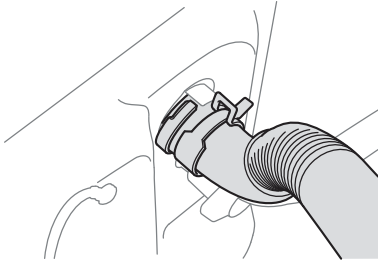
① Band Clamps

② Tie Straps

### Connecting the Drain Hose to the Pedestal Washer

- 1 Insert the band clamp onto the drain hose elbow. Pliers may be required to open the clamp so it can be fitted to the rubber end of the hose.

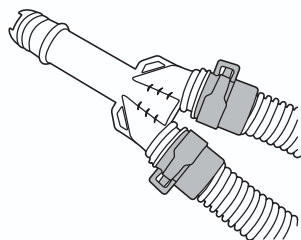
- 2** With the hose leading up from the elbow, firmly insert the elbow onto the drain outlet on the back of the pedestal washer.



- 3** Adjust the band clamp with pliers to keep the hose securely in place and prevent leaking.

## Connecting the Drain Connector

- 1** Insert the included band clamps on to the ends of the two drain hoses.
- 2** Connect the drain hose of the front-loading washer and the pedestal washer to the drain connector.



- 3** Insert the end of the drain hose connector into the laundry tub or standpipe. Use the band clamps to keep it in place, if needed.

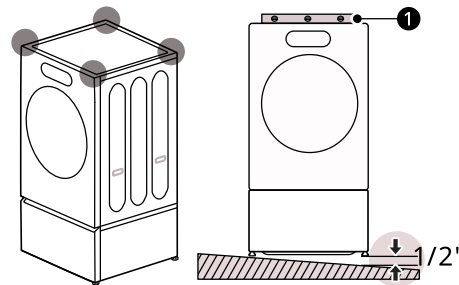
### NOTE

- Depending on the installation environment, you may have to purchase a separate drain hose connector. The connector supplied will suit a standard laundry tub-side standpipe.

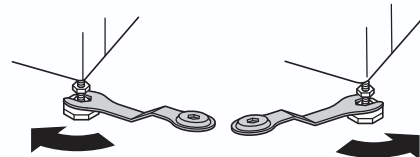
## Leveling the Washer

### How to Level the Washer

- 1** Position the washer in its final location.
- Take special care not to pinch, strain, or crush the water and drain hoses. If you have a carpenter's level **1**, you can use it to check that the washer is level. The slope beneath the washer should not exceed  $1/2"$ , and all 4 leveling feet must rest firmly on the floor.



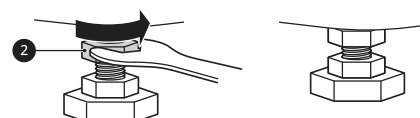
- 2** Adjust the leveling feet on the pedestal washer.
- Turn all 4 leveling feet in one direction to raise the washer or the other direction to lower it.



- 3** Check the level again.
- Push or rock the top edges of the washer gently to make sure the washer does not rock. If the washer rocks, readjust the leveling feet.

- 4** Tighten the locknuts **2**

- Turn the locknuts counterclockwise and tighten them when the washer is level.

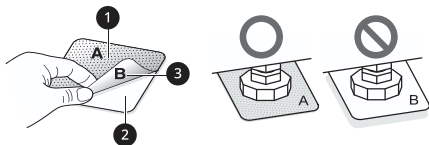


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### Using Non-Skid Pads

If you install the washer on a slippery surface, it may move because of excessive vibration. Incorrect leveling may cause malfunction through noise and vibration. If this occurs, install the non-skid pads under the leveling feet and adjust the level.

- 1** Clean the floor to attach the non-skid pads.
  - Use a dry rag to remove and clean foreign objects or moisture. If moisture remains, the non-skid pads may slip.
- 2** Adjust the level after placing the washer in the installation area.
- 3** Place the adhesive side **3** of the non-skid pad on the floor.
  - It is most effective to install the non-skid pads under the front leveling feet. If it is hard to place the pads under the front leveling feet, place them under the back leveling feet.



- 1** This side up
- 2** Remove backing

- 4** Recheck the washer's levelness.
  - Push or rock the top edges of the washer gently to make sure the washer does not rock. If the washer rocks, level the washer again.