

LG LAUNDRY

PW2 LOT 364 - WASHER


WM6500H_A

5.0 cu. ft. Mega Capacity Smart Front Load Energy Star
 Washer with TurboWash® 360° and AI DD® Built-In Intelligence

5.0 cu. ft. Mega Capacity
 Digital Dial Control with LCD Display & Touch Button Control Panel
 TurboWash® 360° Technology
 AI DD®: AI Fabric and Weight Sensors with Smart Pairing
 LG ThinQ® Technology with ThinQ Care
 Allergiene® Cycle
 Cold Wash Technology
 NeveRust® Stainless Steel Drum
 ENERGY STAR® Certified & ENERGY STAR Most Efficient
 Direct Drive Motor 10-Year Limited Warranty

AVAILABLE COLORS

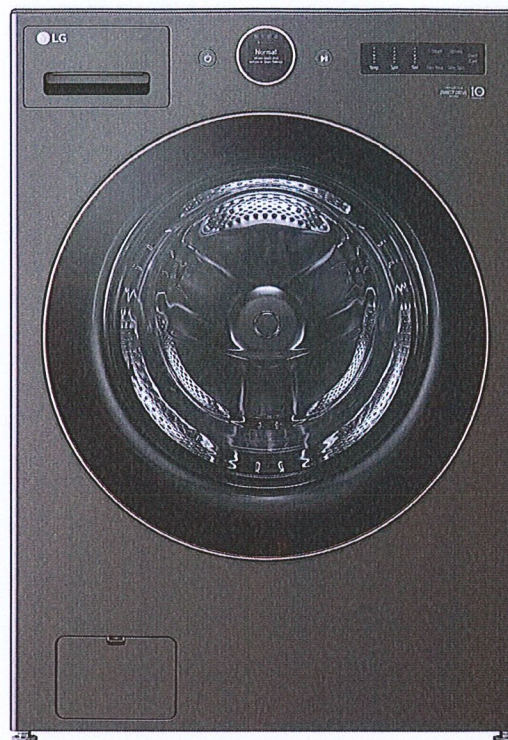
 BLACK STEEL

 WHITE


Proactive Smart Alerts to Keep Your Appliances Running Smoothly

- Preventative Alerts help you stay a step ahead of potential issues to find proactive solutions before problems arise.
- Avoid preventative repairs and service calls with real-time diagnostics for a hassle-free experience.
- Integrated within LG's ThinQ app—a smart home hub for managing your smart devices and appliances.

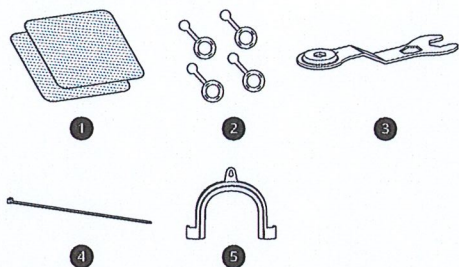
ThinQ Care



SUMMARY		WASH DETAILS		MOTOR AND AGITATOR	
Type	Front Load Washer	No. of Wash/Rinse Temps	5	Motor Type	Inverter Direct Drive Motor
Capacity (cu. ft.)	5.0 cu. ft.	Wash/Rinse Temps	Ex. Hot, Hot, Warm, Cold, Tap Cold	Axis	Horizontal
Matching Electric Dryer	DLEX6500B / DLEX6500W	No. of Spin Speeds	5	MATERIALS AND FINISHES	
Matching Gas Dryer	DLGX6501B / DLGX6501W	Spin Speeds	Ex. High, High, Medium, Low, No Spin	NeveRust® Stainless Steel Drum	Yes
Color	Black Steel (B), White (W)	Max RPM	1300	Cabinet	Painted Steel
APPEARANCE		Water Levels	Load Sensing	Control Panel	
LCD Display	Yes	No. of Soil Levels	5	Top Plate	Painted Steel
Touch Buttons	Yes	FABRIC CARE FEATURES		Door / Rim	Glass / Shiny Rose Gold
Dial-A-Cycle®	Yes	AI DD®	Yes	Door Cover	Tempered Glass Door
ENERGY		TurboWash® 360 Technology	Yes	All Available Colors	Black Steel (B), White (W)
ENERGY STAR® Most Efficient	Yes	Steam Technology	Yes	CERTIFICATION	
ENERGY STAR® Certified	Yes	Allergiene® Cycle	Yes	AAFA	Yes
CEE Tier	Tier2	Sanitary Cycle	Yes	POWER SOURCE	
IMEF	2.92	Cold Wash Option	Yes	Ratings	UL Listed
IWF	3.0	CONVENIENCE FEATURES		Electrical Requirements	120V, 10 Amps
WASH PROGRAMS		Vibration Sensing (Cabinet Vibration Sensor)	Yes	Type	Electric
No. of Programs	25	TrueBalance® Anti-Vibration System	Yes	OPTIONS/ACCESSORIES	
Wash Programs	Normal, AI Wash, Bedding, Delicates, Towels, Quick Wash, Heavy Duty, Allergiene®, Perm. Press, Tub Clean, Bright Whites™, Sanitary, Rinse+Spin, Spin Only, Hand/Wool, Active Wear, Swimwear, Kids Wear, Jeans, Dresses, Color Care, Sweat Stains, Small Load, Large Load, X Large Load	4 Tray Dispenser	Prewash, Main Wash (with liquid detergent cup), Bleach, Fabric Softener	Pedestal	WDP6B, WDP6W
		End of Cycle Signal	Yes	Pedestal (WxHxD)	27" x 13 5/8" x 25 3/8" (43 7/8" D with door open)
		LoadSense	Yes	LG Sidekick™ Pedestal Washer	WD300CB, WD300CW
		Control Lock	Yes	LG Sidekick™ Pedestal Washer (WxHxD)	27" x 14 1/8" x 30 3/4" (50 1/2" with drawer open)
		Auto Suds Removal	Yes	Stacking Kit	KSTK4
WASH OPTIONS		Leveling Legs	4 Adjustable Legs	DIMENSIONS	
No. of Options	15	Drum Light	Yes	Product (WxHxD)	27" x 39" x 33 1/8"
Options	TurboWash®, Steam, Fresh Care, Pre-wash, Remote Start, Delay Wash, Wi-Fi, Add Item, Extra Rinse, Control Lock, Drum Light, ColdWash, Signal, Cycle List Edit, Cycle Optimization	ThinQ® TECHNOLOGY		Depth with Door Open	57 3/4"
		Smart Diagnosis	Yes	Carton (WxHxD)	29 1/2" x 42 1/8" x 34 1/4"
		Wi-Fi	Yes	Weight (Product/Carton)	202.6 / 216.5 lbs.
		ThinQ Care	Yes	LIMITED WARRANTY	
		Energy Monitoring	Yes	Parts and Labor	1 Year
		Tub Clean Coach	Yes	Direct Drive Motor	10 Years
				Drum	3 Years
UPC CODES					
				WM6500HBA (Black)	195174052921
				WM6500HWA (White)	195174048689

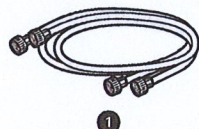
Accessories

Included Accessories



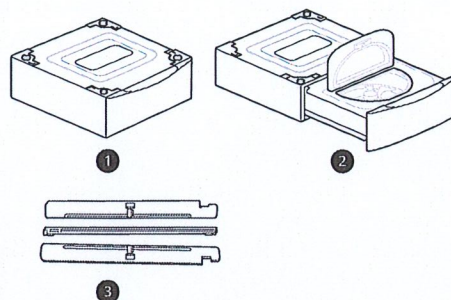
- ❶ Non-skid Pads
- ❷ Hole Caps
- ❸ Wrench
- ❹ Tie Strap
- ❺ Elbow Bracket (for securing drain hose)

Required Accessories (sold separately)



- ❶ Hot and Cold Water Hoses

Optional Accessories (sold separately)



- ❶ Pedestal[†]
- ❷ Pedestal Washer[†]
- ❸ Stacking Kit

[†] Check the width of the pedestal before purchasing to make sure that it matches the width of your appliance (27" (70 cm) or 29" (74 cm)).

Product Specifications

Model	WM5500H*A	WM6500H*A
Electrical Requirements	120 V~, 60 Hz	
Min. / Max. Water Pressure	20 psi - 120 psi (138 kPa - 827 kPa)	
Dimensions (Width X Height X Depth)	27" X 39" X 30 1/4" (70 cm X 99 cm X 77 cm)	27" X 39" X 33 1/8" (70 cm X 99 cm X 84 cm)
Maximum Depth with Door Open	55" (139.6 cm)	57 3/4" (146.6 cm)
Net Weight	200.8 lb (91.1 kg)	202.6 lb (91.9 kg)
Max. Spin Speed	1300 RPM	

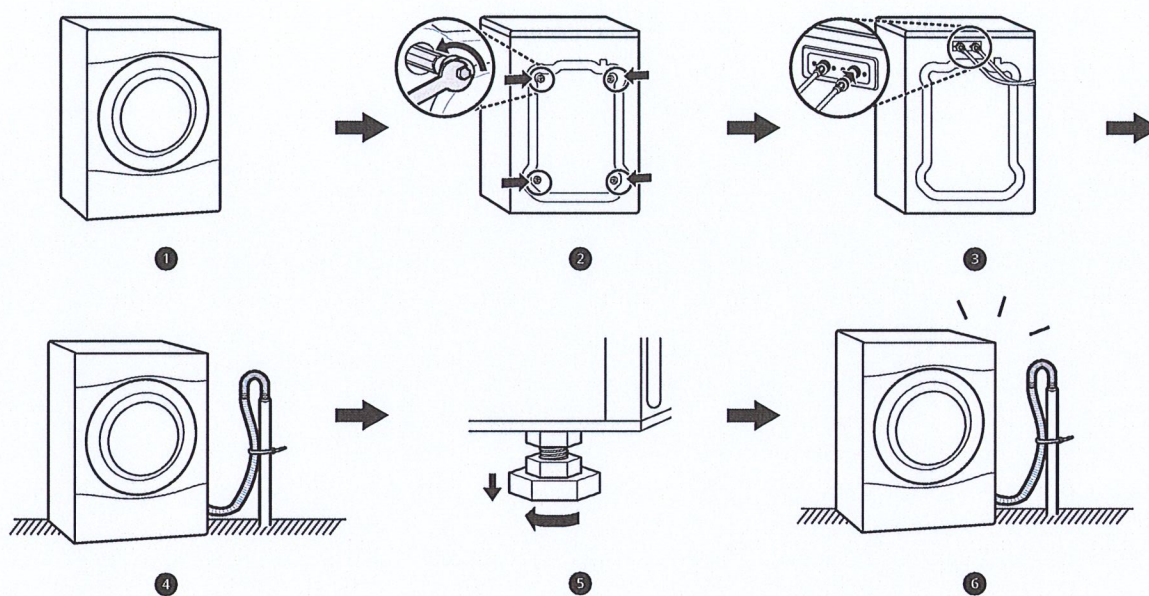
INSTALLATION

Before Installing

Installation Overview

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

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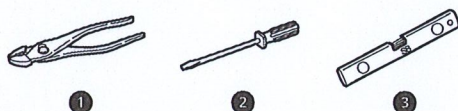
- ❶ Choosing the Proper Location
- ❷ Unpacking and Removing Shipping Material
- ❸ Connecting the Inlet Hoses
- ❹ Connecting the Drain Hose
- ❺ Leveling the Washer
- ❻ Final Installation Check

⚠ 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.

⚠ WARNING

- 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.

Tools Needed

- ① Pliers
- ② Flat-Blade Screwdriver
- ③ Level

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.
- If a drain pan must be used, take extra care to follow the instructions provided with the drain pan and make sure the leveling feet are adjusted for firm and even contact with the pan. Use of drain pans and failure to properly level the washer may result in increased vibration and noise during operation.

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.

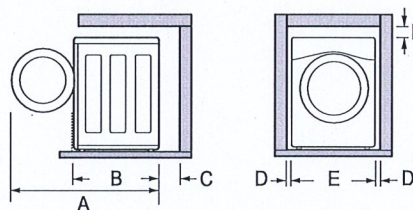
- It is the personal responsibility and obligation of the washer owner to have a proper outlet installed by a qualified electrician.

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.

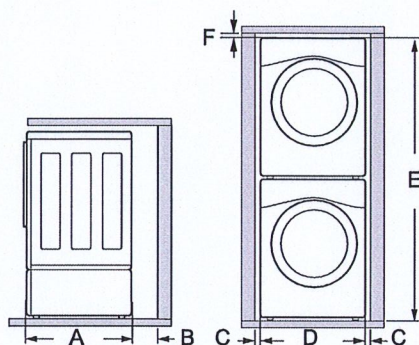


Dimensions and Clearances		
Model	WM5500H*A	WM6500H*A
A	55" (139.6 cm)	57 3/4" (146.6 cm)
B	30 1/4" (77 cm)	33 1/8" (84 cm)
C	4" (10 cm)	

Dimensions and Clearances		
Model	WM5500H*A	WM6500H*A
D	1" (2.5 cm)	
E	27" (70 cm)	
F	1/4" (0.5 cm)	

Stacking or Pedestal Installation

The washer can be stacked under a dryer or on top of a pedestal or pedestal washer.



Dimensions and Clearances		
Model	WM5500H*A	WM6500H*A
A	30 1/4" (77 cm)	33 1/8" (84 cm)
B	4" (10 cm)	
C	1" (2.5 cm)	
D	27" (70 cm)	
E	77 1/2" (196.8 cm)	
F	1/4" (0.5 cm)	

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.

Unpacking and Removing Shipping Material

Remove all shipping materials from the washer for proper operation and inspect it for shipping damage.

CAUTION

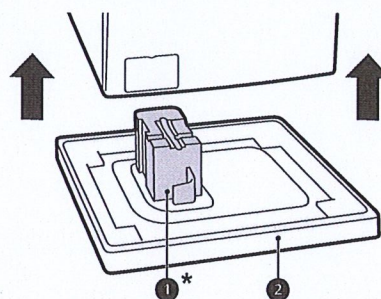
- Failure to remove shipping materials can cause excessive noise and vibration.

Unpacking Shipping Material

*Some models do not ship with drum support.

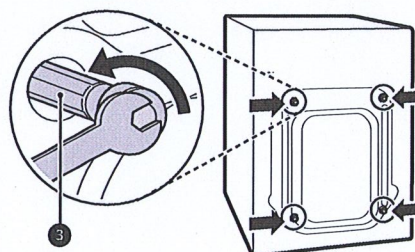
Lift the washer off the foam base.

- After removing the carton and shipping material, lift the washer off the foam base.
- Make sure the plastic drum support ①* comes off with the base and is not stuck to the bottom of the washer.
- If you must lay the washer down to remove the carton base ②, always protect the side of the washer and lay it carefully on its side. Do not lay the washer on its front or back.



Removing Shipping Material

- Remove the bolt assemblies.
 - Starting with the bottom two shipping bolts ③, use the included wrench to fully loosen all 4 shipping bolts by turning them counterclockwise.
 - Remove the bolt assemblies (bolts and retainers) by wiggling them slightly while pulling them out.

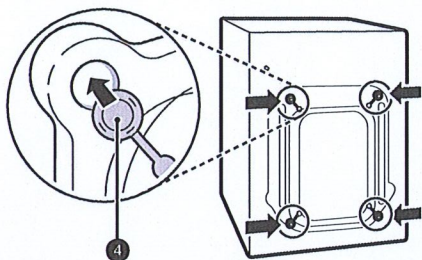


- Install the hole caps.

- Locate the hole caps ④ included in the accessory pack or attached to the back of

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the washer. Install the caps in the holes left by the bolt assemblies.



CAUTION

- Once removed, save the bolt assemblies for future use. To prevent damage to internal components, do not transport the washer without reinstalling the shipping bolts. Failure to remove shipping bolts and retainers may cause severe vibration and noise, which can lead to permanent damage to the washer.

NOTE

- The power cord is secured to the back of the washer with a shipping bolt to help prevent operation with shipping bolts in place.

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.

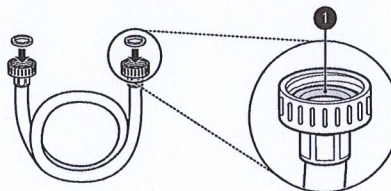
NOTE

- 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.

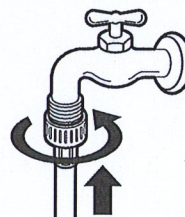
How to Connect the Water Inlet Hoses

- 1 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.



- 2 Connect the water supply hoses.

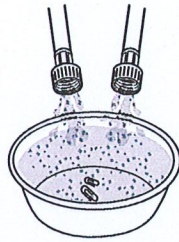
- Connect the water inlet hoses to the hot and cold water faucets tightly by hand and then tighten another $\frac{2}{3}$ turn with pliers.
- Connect the blue hose to the cold water faucet and the red hose to the hot water faucet.



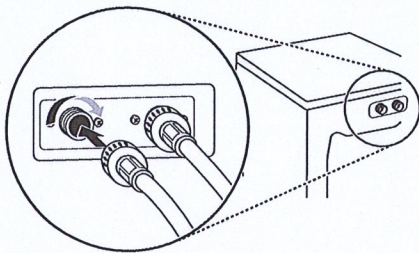
- 3 Flush out the inlet hoses.

- 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 to the hot water inlet on the back of the washer. Attach the cold water inlet hose 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

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

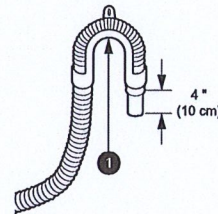
- The drain must be installed in accordance with any applicable local codes and regulations.
- Make sure that the drain hose is not stretched, pinched, crushed, or kinked.
- The end of the drain hose should be located a minimum of **24" (61 cm)** and a maximum of **96" (244 cm)** above the bottom of the washer.
- For best results, locate the end of the drain hose no higher than **66" (168 cm)** above the bottom of the washer. As the drain outlet is raised

beyond **66" (168 cm)**, the drain function will be increasingly affected.

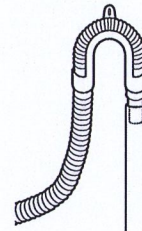
- Never create an airtight seal between the hose and the drain with tape or other means. If no air gap is present, water can be siphoned out of the drum resulting in poor wash/rinse performance or clothing damage.

Using a Standpipe to Drain

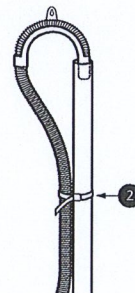
- 1** Clip the end of the hose into the elbow bracket.
- Connect the elbow bracket **1** within **4 inches (10 cm)** of the end of the drain hose. If the drain hose is extended more than **4 inches (10 cm)** beyond the end of the elbow bracket, mold or microorganisms could spread to the inside of the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



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



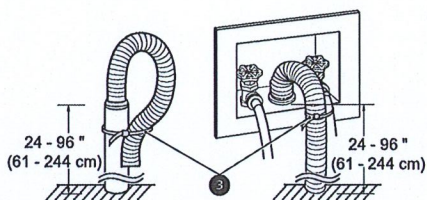
- 3** Use the provided tie strap **2** to secure the drain hose in place.



- 4** If the water valves and drain are built into the wall, fasten the drain hose to one of the water

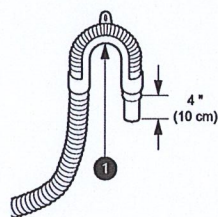
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hoses with the provided tie strap ③ (ribbed side on inside).

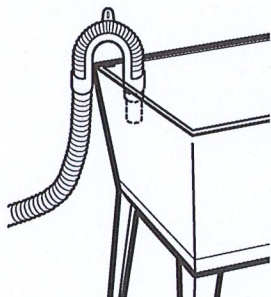


Using the Laundry Tub to Drain

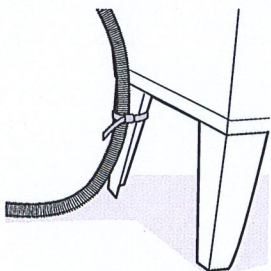
- 1 Clip the end of the hose into the elbow bracket.
- Connect the elbow bracket ① within **4 inches (10 cm)** of the end of the drain hose. If the drain hose is extended more than **4 inches (10 cm)** beyond the end of the elbow bracket, mold or microorganisms could spread to the inside of the washer.



- 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.



Leveling the Washer

The drum of the washer spins at very high speeds. To minimize vibration, noise, and unwanted movement, the floor must be a solid, level surface.

CAUTION

- Using the washer without leveling it may cause excess vibration and noise, leading to a washer malfunction.
- Adjust the leveling feet only as far as necessary to level the washer. Extending the leveling feet more than necessary can cause the washer to vibrate.

NOTE

- Before installing the washer, make sure that the floor is clean, dry and free of dust, dirt, water and oil so the washer feet cannot slide easily. Feet that move or slide on the floor can contribute to excessive vibration and noise.

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 inch**, and all 4 leveling feet must rest firmly on the floor.

