

# WASHER INSTALLATION INSTRUCTIONS

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## WASHER SAFETY

### Your safety and the safety of others are very important.

We have provided many important safety messages in this manual and on your appliance. Always read and obey all safety messages.



This is the safety alert symbol.

This symbol alerts you to potential hazards that can kill or hurt you and others.

All safety messages will follow the safety alert symbol and either the word “DANGER” or “WARNING.”

These words mean:

**⚠ DANGER**

You can be killed or seriously injured if you don't immediately follow instructions.

**⚠ WARNING**

You can be killed or seriously injured if you don't follow instructions.

All safety messages will tell you what the potential hazard is, tell you how to reduce the chance of injury, and tell you what can happen if the instructions are not followed.

## INSTALLATION REQUIREMENTS

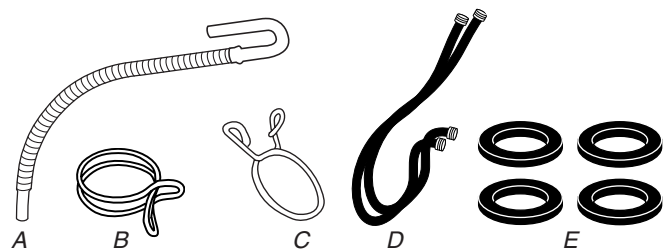
### Tools and Parts

Assemble the necessary tools and supplies before beginning the washer installation. The parts supplied are in the washer basket.

#### Tools needed for connecting the drain hose and water inlet hoses:

- Pliers that open to 3.95 cm
- Flashlight (optional)
- Utility knife or scissors

#### Parts supplied:

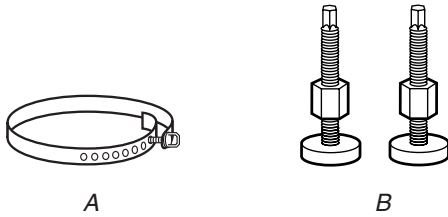


- A. Drain hose
- B. Silver, double-wire hose clamp (for the bottom of the drain hose)
- C. Yellow, single-wire hose clamp (for the top of the drain hose)
- D. Water inlet hoses (2)
- E. Flat water inlet hose washers (4)

**Tools needed for securing the drain hose and leveling the washer:**

- Adjustable or open end wrench 14 mm
- Level
- Wood block
- Ruler or measuring tape

**Parts supplied:**



A. Shipping strap with fastener  
B. Front leveling feet with nuts (2)

**Alternate Parts**

Your installation may require additional parts. For ordering information, please refer to the toll free phone numbers on the front page of your “Washer User Instructions.”

If You Have:	You Will Need to Buy:
Laundry tub or standpipe taller than 2.4 m	Sump pump system (if not already available)
2.5 cm diameter standpipe	5 cm diameter to 2.5 cm diameter standpipe adapter, Part No. 3363920
Overhead sewer	Standard 76 L, 99 cm tall drain tub or utility sink, sump pump and connectors (available from local plumbing suppliers)
Floor drain	Siphon break, Part Number 285320; additional drain hose, Part Number 3357090 and connector kit, Part Number 285442
Water faucets beyond reach of fill hoses	2 longer water fill hoses: 1.8 m Part Number 76314, 3.0 m Part Number 350008
Drain hose too short	Drain hose, Part No. 388423 and hose kit, Part No. 285442
Drain hose that is too long	Hose kit, Part No. 285442
Lint clogged drain	Drain protector, Part No. 367031

**Location Requirements**

Selecting the proper location for your washer improves performance and minimizes noise and possible washer “walk.” Your washer can be installed in a basement, laundry room, closet, or recessed area. (See “Drain System.”)

**IMPORTANT:** Do not install or store the washer where it will be exposed to the weather. Proper installation is your responsibility.

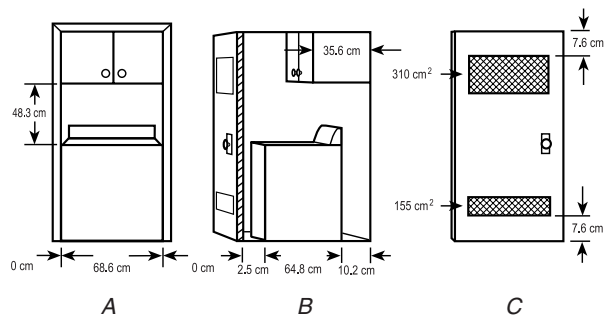
**You will need:**

- A water heater set to deliver 49°C water to the washer.
- An earthed electrical outlet located within 1.2 m of where the power cord is attached to the back of the washer. (See “Electrical Requirements.”)
- Hot and cold water faucets located within 1.2 m of the hot and cold water fill valves, and water pressure of 34.5-690 kPa.
- A level floor with a maximum slope of 2.5 cm under entire washer. Installing the washer on carpeting is not recommended.
- A sturdy floor to support the washer weight (washer, water and load) of 143 kgs.

Do not store or operate your washer in temperatures at or below 0°C. Some water can remain in the washer and can cause damage in low temperatures. See “Washer Care” in the Washer User Instructions for winterizing information.

**Recessed area or closet installation**

The dimensions shown are for the recommended spacing allowed, except the closet door ventilation openings. The dimensions shown for the closet door ventilation openings are the minimum required.



A. Front view  
B. Side view  
C. Closet door with vents

- Additional spacing should be considered for ease of installation and servicing.
- Additional clearances may be required for wall, door and floor moldings.
- Additional spacing of 2.5 cm on all sides of the washer is recommended to reduce noise transfer.
- If a closet door is installed, the minimum air openings in the top and bottom of the door are required. Louvered doors with air openings in the top and bottom are acceptable.
- Companion appliance spacing should also be considered.

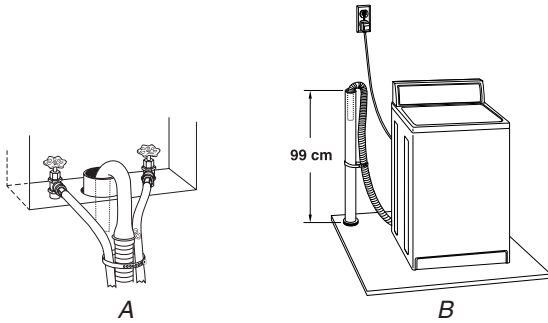
## Drain System

The washer can be installed using the standpipe drain system (floor or wall), the laundry tub drain system, or the floor drain system. Select the drain hose installation method you need. See “Tools and Parts.”

### Standpipe drain system - wall or floor (views A & B)

The standpipe drain requires a minimum diameter standpipe of 5 cm. The minimum carry-away capacity can be no less than 64 L per minute. A 5 cm diameter to 2.5 cm diameter standpipe adapter kit is available. See “Tools and Parts.”

The top of the standpipe must be at least 99 cm high and no higher than 244 cm from the bottom of the washer.



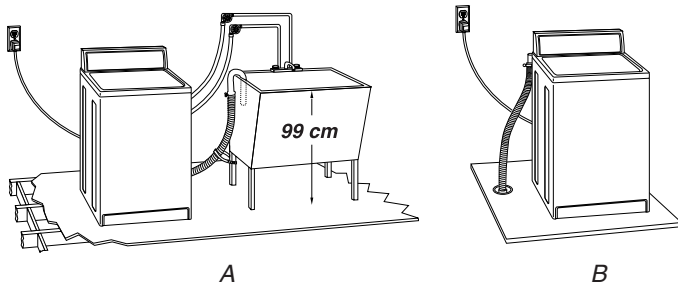
### Laundry tub drain system (view A)

The laundry tub needs a minimum 76 L capacity. The top of the laundry tub must be at least 99 cm above the floor and no higher than 244 cm from the bottom of the washer.

### Floor drain system (view B)

The floor drain system requires a siphon break that may be purchased separately. See “Tools and Parts.”

The siphon break must be a minimum of 71 cm from the bottom of the washer. Additional hoses might be needed.



## Electrical Requirements

### ⚠ WARNING



#### Electrical Shock Hazard

**Electrically earth this appliance.**

**Do not use an extension cord or an electrical portable outlet device.**

**Failure to follow these instructions can result in death, fire, or electrical shock.**

- A 230-volt, 50-Hz., AC-only, 10-ampere, fused electrical supply is required. Time-delay fuse or circuit breaker is recommended. It is recommended that a separate circuit serving only this appliance be provided.
- This washer is equipped with a power supply cord having an earthing plug.
- To minimize possible shock hazard, the cord must be plugged into a mating, earthing-type outlet, earthed in accordance with local codes and ordinances. If a mating outlet is not available, it is the personal responsibility and obligation of the customer to have the properly earthed outlet installed by a qualified electrician.
- If codes permit and a separate earth wire is used, it is recommended that a qualified electrician determine that the earth path is adequate.
- Do not earth to a gas pipe.
- Check with a qualified electrician if you are not sure the washer is properly earthed.
- Do not have a fuse in the neutral or earth circuit.

### EARTHING INSTRUCTIONS

#### For an earthed, cord-connected washer:

This washer must be earthed. In the event of a malfunction or breakdown, earthing will reduce the risk of electrical shock by providing a path of least resistance for electric current. This washer is equipped with a cord having an equipment-earthing conductor and an earthing plug. The plug must be plugged into an appropriate outlet that is properly installed and earthed in accordance with all local codes and ordinances.

**WARNING:** Improper connection of the equipment-earthing conductor can result in a risk of electric shock. Check with a qualified electrician or serviceman if you are in doubt as to whether the appliance is properly earthed.

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.

#### For a permanently connected washer:

This washer must be connected to an earthed metal, permanent wiring system, or an equipment earthing conductor must be run with the circuit conductors and connected to the equipment-earthing terminal or lead on the appliance.

# INSTALLATION INSTRUCTIONS

## Before You Start

### **⚠ WARNING**

#### **Excessive Weight Hazard**

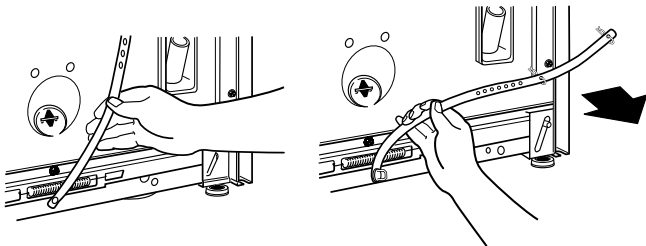
**Use two or more people to move and install washer.**  
**Failure to do so can result in back or other injury.**

- To prevent floor damage, set the washer onto cardboard before moving across floor.
- Move the washer to within approximately 90 cm of the final location.

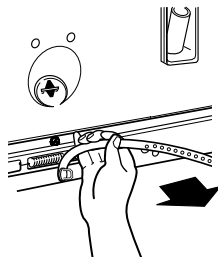
## Remove Shipping Strap

Removing the shipping strap is necessary for smooth operation. If the shipping strap is not removed, the washer will make excessive noise. The washer must be in the upright position before removing the shipping strap.

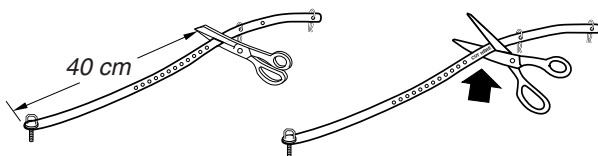
1. Do not cut yellow strap. Pull yellow strap firmly, until completely removed from washer. There will be two cotter pins on the end of the shipping strap when it is pulled out of the washer.



2. Pull firmly to remove the end of the shipping strap that remains pinned to the back of the washer. This will release the rear self-leveling feet.



3. Cut the shipping strap about 40 cm from plug end. Look for the words "CUT HERE." Discard end with the cotter pins. You will use the remainder of the shipping strap later to secure the drain hose.

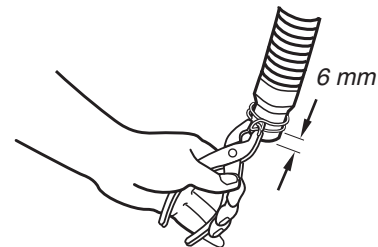


## Connect Drain Hose

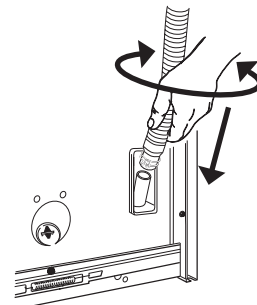
Proper connection of the drain hose will protect your floors from damage due to water leakage. To prevent the drain hose from coming off or leaking, it must be installed per the following instructions.

**IMPORTANT:** To ensure proper installation, this procedure must be followed exactly.

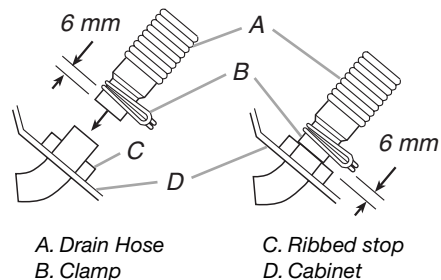
1. Check the drain hose to see that it is the proper length.
2. Wet the inside of the straight end of the drain hose with tap water. **DO NOT USE ANY OTHER LUBRICANT.**
3. Squeeze ears of silver, double-wire clamp with pliers to open. Place clamp over the straight end of the drain hose 6 mm from the end.



4. Open clamp. Twist hose back and forth while pushing down onto drain connector at the bottom of the washer. Continue until hose contacts the ribbed stop on the cabinet.

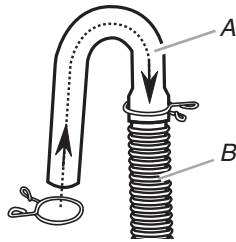


5. Place clamp over area marked "CLAMP." Release clamp.



### For standpipe or laundry tub drain systems:

1. Open yellow, single-wire clamp with pliers and slide over hooked end of drain hose to secure the rubber and corrugated sections together.

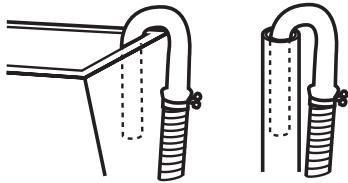


A. Hooked end  
B. Drain hose

2. Put hooked end of drain hose into laundry tub or standpipe. Rotate hook to eliminate kinks.

#### To prevent drain water from going back into the washer:

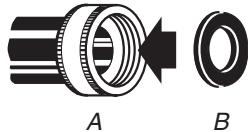
- Do not straighten hooked end of drain hose. Do not force excess drain hose into standpipe. Hose should be secure, but loose enough to provide a gap of air.
- Do not lay excess drain hose in bottom of laundry tub.



- For floor drain installation, see kit number required under "Tools and Parts."

## Connect the Inlet Hoses

1. Insert new flat washers (supplied) into each end of the inlet hoses. Firmly seat the washers in the couplings.



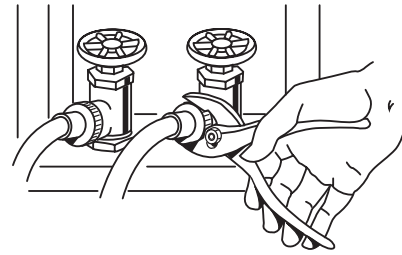
A. Coupling  
B. Washer

### Connect the inlet hoses to the water faucets

Make sure the washer basket is empty.

2. Attach a hose to the hot water faucet. Screw on coupling by hand until seated on the washer.
3. Attach a hose to the cold water faucet. Screw on coupling by hand until seated on the washer.

4. Using pliers, tighten the couplings with an additional two-thirds turn.



**NOTE:** Do not overtighten. Damage to the valves can result.

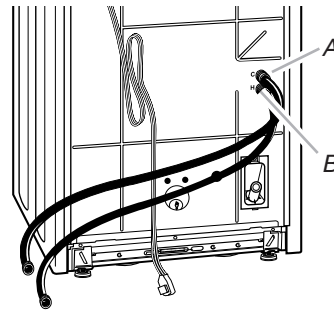
### Clear the water lines

5. Run water through both faucets and inlet hoses, into a bucket or laundry tub, to get rid of particles in the water lines that might clog the inlet valve screens.

### Connect the inlet hoses to the washer

6. Attach the hose that is connected to the hot water faucet to the HOT (bottom) inlet valve. Attaching the hot water hose first makes it easier to tighten connection with pliers. Screw on coupling by hand until seated on the washer. Using pliers, tighten the couplings with an additional two-thirds turn.

**NOTE:** Do not overtighten. Damage to the valves can result.



A. Cold water inlet valve  
B. Hot water inlet valve

**NOTE:** The inlet valve may be on the right or the left side of the washer, depending on your model.

7. Attach the hose that is connected to the COLD water (top) inlet valve. Screw on coupling by hand until seated on the washer. Using pliers, tighten the couplings with an additional two-thirds turn.

**NOTE:** Do not overtighten. Damage to the valves can result.

### Check for leaks

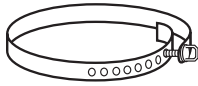
8. Turn on the water faucets and check for leaks. A small amount of water might enter the washer. You will drain this later.

**NOTE:** Replace inlet hoses after 5 years of use to reduce the risk of hose failure. Record hose installation or replacement dates for future reference.

- If you connect only one water hose, you must cap off the remaining water inlet port.
- Periodically inspect and replace hoses if bulges, kinks, cuts, wear, or leaks are found.

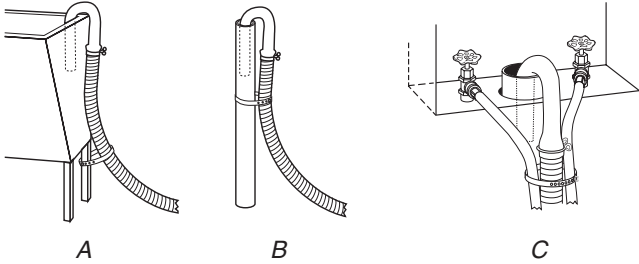
## Secure the Drain Hose

1. Drape the power cord over the console.
2. Remove any cardboard used to move washer.
3. Locate the remaining portion of shipping strap (not the end with the cotter pins) from Step 3 of "Remove Shipping Strap."



Remaining portion of shipping strap

4. Wrap the drain hose to the laundry tub leg or standpipe with the tie strap. Push fastener into the nearest hole in the shipping strap. (See illustration A or B.)



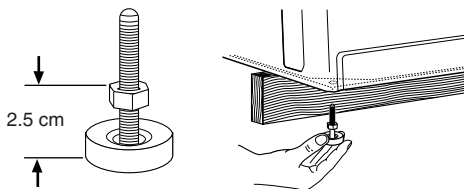
If the washer faucets and the drain standpipe are recessed, put the hooked end of the drain hose in the standpipe. Tightly wrap the tie strap around the water inlet hoses and the drain hose. (See illustration C.)

## Level the Washer

Properly leveling your washer prevents excessive noise and vibration.

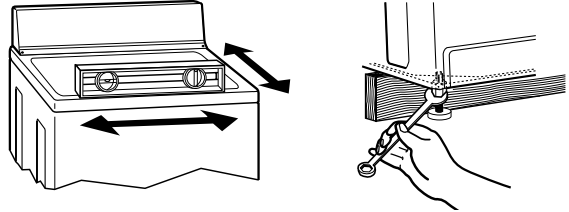
### Install the front leveling feet

1. Prop up the front of the washer about 10.2 cm with a wood block or similar object. The block needs to support the weight of the washer.
2. Screw the lock nut onto each foot to within 2.5 cm of the base.



3. Screw the feet into the correct holes at the front corner of the washer until the nuts touch the washer.  
**NOTE:** Do not tighten the nuts until the washer is level.
4. Tilt the washer back and remove the wood block. Gently lower the washer to the floor.
5. Slide to final location.
6. Tilt the washer forward until the rear of the washer is at least 10.2 cm off the floor. You may hear the self-adjusting rear feet click into place. Lower the washer to the floor.
7. Check the levelness of the washer by placing a level on the top edges of the washer, first side to side, then front to back.

8. If the washer is not level, move the washer out slightly, tip back, prop up the front of the washer with the wood block and adjust the feet up or down as necessary. Repeat steps 5 through 8 until washer is level.



9. After the washer is in the final location and level, use a 14 mm open-end wrench to turn the nuts on the feet tightly against the washer cabinet.

**IMPORTANT:** If the nuts are not tight against the washer cabinet, the washer may vibrate.

## Complete Installation

1. Check the electrical requirements. Be sure that you have the correct electrical supply and the recommended earthing method. (See "Electrical Requirements.")
2. Check to be sure all parts are now installed. If there is an extra part, go back through the steps to see which step was skipped.
3. Check to be sure you have all of your tools.
4. Check to be sure that the yellow shipping strap was removed from the back of the washer and used to secure the drain hose.
5. Dispose of/recycle all packaging materials.
6. Check to be sure the water faucets are on.
7. Check for leaks around faucets and inlet hoses.

## ⚠ WARNING



### Electrical Shock Hazard

Electrically earth this appliance.

Do not use an extension cord or an electrical portable outlet device.

Failure to follow these instructions can result in death, fire, or electrical shock.

8. Plug into an earthed outlet.
9. Remove the protective film on the console and any tape remaining on the washer.
10. Read "Washer Use" in the Washer User Instructions.
11. To test your washer, measure ½ of the normal recommended amount of powdered or liquid detergent and pour it into the washer basket or detergent dispenser (on some models). Close the lid. Select any cycle, and then pull the cycle control knob out to START the washer. Allow it to complete one whole cycle.