# ELECTRIC DRYER INSTALLATION INSTRUCTIONS

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Para una versión de estas instrucciones en español, visite www.Whirlpool.com

## INSTALLATION NOTES

- Date of purchase: ________________________________
- Date of installation: ____________________________
- Installer: _______________________________________
- Model number: _________________________________
- Serial number: _________________________________
DRYER 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.

⚠️ **WARNING** – “Risk of Fire”

- Clothes dryer installation must be performed by a qualified installer.
- Install the clothes dryer according to the manufacturer's instructions and local codes.
- Do not install a clothes dryer with flexible plastic venting materials or flexible metal (foil type) duct. If flexible metal duct is installed, it must be of a specific type identified by the appliance manufacturer as suitable for use with clothes dryers. Flexible venting materials are known to collapse, be easily crushed, and trap lint. These conditions will obstruct clothes dryer airflow and increase the risk of fire.
- To reduce the risk of severe injury or death, follow all installation instructions.
- Save these instructions.

**IMPORTANT SAFETY INSTRUCTIONS**

When discarding or storing your old clothes dryer, remove the door.

SAVE THESE INSTRUCTIONS
INSTALLATION REQUIREMENTS

TOOLS AND PARTS

Gather the required tools and parts before starting installation.

Tools needed:

- Flat-blade screwdriver
- #2 Phillips screwdriver
- Wire stripper (direct wire installations)
- Tin snips (new vent installations)
- 1/4" and 5/16" nut driver (recommended)
- Adjustable wrench that opens to 1" (25 mm) or hex-head socket wrench
- Utility knife
- Level
- Tape measure
- Pliers
- Caulking gun and compound (for installing new exhaust vent)

Parts supplied (all models):

- Leveling legs (4)

Parts supplied (steam models):

- "Y" connector
- 2' (0.6 m) inlet hose
- Rubber washer

Parts package is located in dryer drum. Check that all parts are included.

NOTE: Do not use leveling legs supplied with dryer if installing with a pedestal or a stack kit.

Parts needed: (Not supplied with dryer)

- Vent clamps
- Vent elbows and vent work

Parts needed (steam models):

- 5' (1.52 m) inlet hose

Additional parts may be required, depending on your installation. Check local codes. Check existing electrical supply and venting. Read “Electrical Requirements” and “Venting Requirements” before purchasing parts.

If using a power supply cord:

Use a UL-listed power supply cord kit marked for use with clothes dryers. The kit should contain:

- A UL-listed 30-amp power supply cord, rated 120/240 volt minimum. The cord should be type SRD or SRDT and be at least 4 ft. (1.22 m) long. The wires that connect to the dryer must end in ring terminals or spade terminals with upturned ends.
- A UL-listed strain relief.

Optional Equipment: (Not supplied with dryer)

Refer to your Use and Care Guide for information about accessories available for your dryer.
LOCATION REQUIREMENTS

Check code requirements. Some codes limit, or do not permit, installing dryer in garages, closets, mobile homes, or sleeping quarters. Contact your local building inspector.

WARNING

Explosion Hazard

Keep flammable materials and vapors, such as gasoline, away from dryer.

Place dryer at least 18 inches (460 mm) above the floor for a garage installation.

Failure to do so can result in death, explosion, or fire.

You will need:

- A location allowing for proper exhaust installation. See “Venting Requirements.”
- A separate 30-amp circuit.
- If using power supply cord, a grounded electrical outlet located within 2 ft. (610 mm) of either side of dryer. See “Electrical Requirements.”
- Floor must support dryer weight of 200 lbs. (90.7 kg). Also consider weight of companion appliance.
- Cold water faucets located within 4 ft. (1.2 m) of the water fill valves and water pressure of 20–120 psi (138–827 kPa). You may use the water supply for your washer using the supplied “Y” connector and a short hose (which you will need to purchase).
- Level floor with maximum slope of 1” (25 mm) under entire dryer. If slope is greater than 1” (25 mm), install Extended Dryer Feet Kit, Part Number 279810. If not level, clothes may not tumble properly and automatic sensor cycles may not operate correctly.
- For garage installation, place dryer at least 18” (460 mm) above floor. If using a pedestal, you will need 18” (460 mm) to bottom of dryer.
- The dryer must not be installed or stored in an area where it will be exposed to water and/or weather.

IMPORTANT: Do not operate, install, or store dryer where it will be exposed to water, weather, or at temperatures below 40° F (4° C). Lower temperatures may cause dryer not to shut off at end of automatic sensor cycles, resulting in longer drying times.

Installation Clearances

For each arrangement, consider allowing more space for ease of installation and servicing, spacing for companion appliances, and clearances for walls, doors, and floor moldings. Space must be large enough to allow door to fully open. Add spacing on all sides of dryer to reduce noise transfer. If a closet door or louvered door is installed, top and bottom air openings in door are required.

Check code requirements. Some codes limit, or do not permit, installation of the dryer in garages, closets, mobile homes, or sleeping quarters. Contact your local building inspector.

NOTE: Most installations require a minimum of 5” (127 mm) clearance behind dryer for exhaust vent with elbow. See “Venting Requirements.”

*Approx. measurement.
Installation spacing for recessed area or closet installation

All dimensions show recommended and minimum spacing allowed.

- Additional spacing should be considered for ease of installation and servicing.
- Additional clearances might be required for wall, door, floor moldings, and dryer venting.
- Additional spacing should be considered on all sides of the dryer to reduce noise transfer.
- For closet installation with a door, minimum ventilation openings in the top and bottom of the door are required. Louvered doors with equivalent ventilation openings are acceptable.
- Companion appliance spacing should also be considered.

Recommended installation clearances (dryer only):

<table>
<thead>
<tr>
<th>Front</th>
<th>Sides</th>
<th>Rear</th>
<th>Top</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recessed</td>
<td>NA</td>
<td>0&quot; (0 mm)**</td>
<td>0&quot; (0 mm)</td>
</tr>
<tr>
<td>Closet</td>
<td>NA</td>
<td>0&quot; (0 mm)**</td>
<td>0&quot; (0 mm)</td>
</tr>
<tr>
<td>Under Counter</td>
<td>NA</td>
<td>1&quot; (25 mm)</td>
<td>0&quot; (0 mm)**</td>
</tr>
</tbody>
</table>

*0" (0 mm) spacing is allowed for straight-back venting only. For steam models only, inlet hose must not be kinked.

Minimum installation clearances (dryer only):

<table>
<thead>
<tr>
<th>Front</th>
<th>Sides</th>
<th>Rear</th>
<th>Top</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recessed</td>
<td>NA</td>
<td>0&quot; (0 mm)**</td>
<td>0&quot; (0 mm)</td>
</tr>
<tr>
<td>Closet</td>
<td>NA</td>
<td>0&quot; (0 mm)**</td>
<td>0&quot; (0 mm)</td>
</tr>
<tr>
<td>Under Counter</td>
<td>NA</td>
<td>1&quot; (25 mm)</td>
<td>0&quot; (0 mm)**</td>
</tr>
</tbody>
</table>

*0" (0 mm) spacing is allowed for straight-back venting only.

Custom under counter installation:

Mobile home – Additional installation requirements:

This dryer is suitable for mobile home installations. The installation must conform to the Manufactured Home Construction and Safety Standard, Title 24 CFR, Part 3280 (formerly the Federal Standard for Mobile home construction and Safety, Title 24, HUD Part 280) or Standard CAN/CSA-Z240 MH.

Mobile home installations require:

- Metal exhaust system hardware, available for purchase from your dealer. For further information, see “Assistance or Service” section in your Use and Care Guide.
- Special provisions must be made in mobile homes to introduce outside air into dryer. Openings (such as a nearby window) should be at least twice as large as dryer exhaust opening.
ELECTRICAL REQUIREMENTS

It is your responsibility:
■ To contact a qualified electrical installer.
■ To be sure that the electrical connection is adequate and in conformance with the National Electrical Code, ANSI/NFPA 70 – latest edition and all local codes and ordinances.

The National Electrical Code requires a 4-wire power supply connection for homes built after 1996, dryer circuits involved in remodeling after 1996, and all mobile home installations.

A copy of the above code standards can be obtained from: National Fire Protection Association, One Batterymarch Park, Quincy, MA 02269.

■ To supply the required 3- or 4-wire, single phase, 120/240 volt, 60 Hz, AC only electrical supply (or 3- or 4-wire, 120/208 volt electrical supply, if specified on the serial/rating plate) on a separate 30-amp circuit, fused on both sides of the line. Connect to an individual branch circuit. Do not have a fuse in the neutral or grounding circuit.

■ Do not use an extension cord.
■ If codes permit and a separate ground wire is used, it is recommended that a qualified electrician determine that the ground path is adequate.

Electrical Connection
To properly install your dryer, you must determine the type of electrical connection you will be using and follow the instructions provided for it here.

■ This dryer is manufactured ready to install with a 3-wire electrical supply connection. The neutral ground conductor is permanently connected to the neutral conductor (white wire) within the dryer. If the dryer is installed with a 4-wire electrical supply connection, the neutral ground conductor must be removed from the external ground connector (green screw), and secured under the neutral terminal (center or white wire) of the terminal block. When the neutral ground conductor is secured under the neutral terminal (center or white wire) of the terminal block, the dryer cabinet is isolated from the neutral conductor. The green ground wire of the 4-wire power cord must be secured to the dryer cabinet with the green ground screw.

■ If local codes do not permit the connection of a neutral ground wire to the neutral wire, see “Optional External Ground for 3-Wire Connection” in the “Power Supply Cord Connection” section.

■ A 4-wire power supply connection must be used when the appliance is installed in a location where grounding through the neutral conductor is prohibited. Grounding through the neutral is prohibited for (1) new branch-circuit installations after 1996, (2) mobile homes, (3) recreational vehicles, and (4) areas where local codes prohibit grounding through the neutral conductors.

If using a power supply cord:
Use a UL-listed power supply cord kit marked for use with clothes dryers. The kit should contain:
■ A UL-listed 30-amp power supply cord, rated 120/240 volt minimum. The cord should be type SRD or SRDT and be at least 4 ft. (1.22 m) long. The wires that connect to the dryer must end in ring terminals or spade terminals with upturned ends.
■ A UL-listed strain relief.

If your outlet looks like this:
Then choose a 4-wire power supply cord with ring or spade terminals and UL-listed strain relief. The 4-wire power supply cord, at least 4 ft. (1.22 m) long, must have four 10-gauge copper wires and match a 4-wire receptacle of NEMA Type 14-30R. The ground wire (ground conductor) may be either green or bare. The neutral conductor must be identified by a white cover.

Then choose a 3-wire power supply cord with ring or spade terminals and UL-listed strain relief. The 3-wire power supply cord, at least 4 ft. (1.22 m) long, must have three 10-gauge copper wires and match a 3-wire receptacle of NEMA Type 10-30R.

If connecting by direct wire:
Power supply cable must match power supply (4-wire or 3-wire) and be:
■ Flexible armored cable or nonmetallic sheathed copper cable (with ground wire), covered with flexible metallic conduit. All current-carrying wires must be insulated.
■ 10-gauge solid copper wire (do not use aluminum) at least 5 ft. (1.52 m) long.

GROUNDING INSTRUCTIONS

■ For a grounded, cord-connected dryer: This dryer must be grounded. In the event of malfunction or breakdown, grounding will reduce the risk of electric shock by providing a path of least resistance for electric current. This dryer uses a cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

■ For a permanently connected dryer: 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.

WARNING: Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service representative or personnel if you are in doubt as to whether the dryer is properly grounded. Do not modify the plug on the power supply cord: if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

SAVE THESE INSTRUCTIONS
INSTALL LEVELING LEGS

1. Prepare dryer for leveling legs

To avoid damaging floor, place a large flat piece of cardboard from dryer carton under entire back edge of dryer. Firmly grasp dryer body (not console panel) and gently lay dryer down on cardboard.

2. Screw in leveling legs

Examine leveling legs and locate diamond marking. Screw legs into leg holes by hand – use a wrench to finish turning legs until diamond marking is no longer visible.

Place a carton corner post from dryer packaging under each of the 2 dryer back corners. Stand the dryer up. Slide the dryer on the corner posts until it is close to its final location. Leave enough room to connect the exhaust vent.

ELECTRICAL INSTALLATION

For power supply cord installations:

1. Choose electrical connection type

- Power supply cord 4-wire receptacle (NEMA Type 14-30R).
  Go to “Power Supply Cord Connection.”

- Power supply cord 3-wire receptacle (NEMA Type 10-30R).
  Go to “Power Supply Cord Connection.”

- 4-wire direct connection:
  Go to “Direct Wire Connection.”

- 3-wire direct connection:
  Go to “Direct Wire Connection.”

NOTE: If local codes do not permit connection of a cabinet-ground conductor to neutral wire, go to “Optional 3-wire connection.” This connection may be used with either a power supply cord or a direct wire connection.
For direct wire installations:

**WARNING**

Fire Hazard

Use 10 gauge copper wire.
Use a UL listed strain relief.
Disconnect power before making electrical connections.
Connect neutral wire (white or center wire) to center terminal (silver).
Ground wire (green or bare wire) must be connected to green ground connector.
Connect remaining 2 supply wires to remaining 2 terminals (gold).
Securely tighten all electrical connections.
Failure to do so can result in death, fire, or electrical shock.

Power Supply Cord Connection

**Power supply cord strain relief**

1. **Attach power supply cord strain relief**

   Remove the screws from a 3/4" (19 mm) UL-listed strain relief (UL marking on strain relief). Put the tabs of the two clamp sections (C) into the hole below the terminal block opening (B) so that one tab is pointing up (A) and the other is pointing down (D), and hold in place. Tighten strain relief screws just enough to hold the two clamp sections (C) together.

2. **Remove terminal block cover**

   Remove hold-down screw and terminal block cover.

   Put power supply cord through the strain relief. Be sure that the wire insulation on the power supply cord is inside the strain relief. The strain relief should have a tight fit with the dryer cabinet and be in a horizontal position. Do not further tighten strain relief screws at this point.

   **If your outlet looks like this:**

   - Power supply cord 4-wire receptacle (NEMA Type 14-30R):
     Go to “4-Wire Power Supply Cord Connection” on this page.
   - Power supply cord 3-wire receptacle (NEMA Type 10-30R):
     Go to “3-Wire Power Supply Cord Connection” on page 9.
4-Wire Power Supply Cord Connection

**IMPORTANT:** A 4-wire connection is required for mobile homes and where local codes do not permit the use of 3-wire connections.

1. **Prepare to connect neutral ground wire and neutral wire**
   - Remove center terminal block screw (B). Remove neutral ground wire (E) from green external ground conductor screw (A).

2. **Connect neutral ground wire and neutral wire**
   - Connect neutral ground wire (E) and neutral wire (white or center) (C) of power supply cord under center terminal block screw (B). Tighten screw.

3. **Connect ground wire**
   - Connect ground wire (F) (green or bare) of power supply cord under green external ground conductor screw (A). Tighten screw.

4. **Connect remaining wires**
   - Connect remaining wires under outer terminal block screws. Tighten screws. Finally, reinset tab of terminal block cover into slot of dryer rear panel. Secure cover with hold-down screw. Now go to “Venting Requirements.”

**3-Wire Power Supply Cord Connection**

Use where local codes permit connecting cabinet-ground conductor to neutral wire.
Direct Wire Connection

Direct wire strain relief

1. Attach direct wire strain relief

Unscrew the removable conduit connector (A) and any screws from a 3/4" (19 mm) UL-listed strain relief (UL marking on strain relief). Put the threaded section of the strain relief (C) through the hole below the terminal block opening (B). Reaching inside the terminal block opening, screw the removable conduit connector (A) onto the strain relief threads and tighten securely.

2. Attach direct wire cable to strain relief

Put direct wire cable through the strain relief. The strain relief should have a tight fit with the dryer cabinet and be in a horizontal position. Tighten strain relief screw against the direct wire cable.

If your wiring looks like this:

4-wire direct connection:
Go to “4-Wire Direct Wire Connection” on this page.

3-wire direct connection:
Go to “3-Wire Direct Wire Connection” on page 11.

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1. Remove center screw

Remove center terminal block screw (B).

2. Connect neutral wire

Connect neutral wire (white or center) (C) of power supply cord under center terminal block screw (B). Tighten screw.

3. Connect remaining wires

Connect remaining wires under outer terminal block screws. Tighten screws. Finally, reinsert tab of terminal block cover into slot of dryer rear panel. Secure cover with hold-down screw. Now go to “Venting Requirements.”
4-Wire Direct Wire Connection

IMPORTANT: A 4-wire connection is required for mobile homes and where local codes do not permit 3-wire connections.

1. Prepare your 4-wire cable for direct connection

Direct wire cable must have 5 ft. (1.52 m) of extra length so dryer may be moved if needed.

Strip 5’ (127 mm) of outer covering from end of cable, leaving bare ground wire at 5” (127 mm). Cut 1 1/2” (38 mm) from remaining 3 wires. Strip insulation back 1” (25 mm). Shape ends of wires into hooks.

2. Prepare to connect neutral ground wire and neutral wire

Remove center terminal block screw (B). Remove neutral ground wire (E) from green external ground conductor screw (A).

3. Connect neutral ground wire and neutral wire

Connect neutral ground wire (E) and place hooked end (hook facing right) of neutral wire (white or center wire) (C) of direct wire cable under center screw of terminal block (B). Squeeze hooked ends together and tighten screw.

4. Connect ground wire

Connect ground wire (green or bare) (F) of direct wire cable under green external ground conductor screw (A). Tighten screw.

5. Connect remaining wires

Place hooked ends of remaining direct wire cable wires under outer terminal block screws (hooks facing right). Squeeze hooked ends together and tighten screws. Finally, reinsert tab of terminal block cover into slot of dryer rear panel. Secure cover with hold-down screw. Now go to “Venting Requirements.”

3-Wire Direct Wire Connection

Use where local codes permit connecting cabinet-ground conductor to neutral wire.

1. Prepare your 3-wire cable for direct connection

Direct wire cable must have 5 ft. (1.52 m) of extra length so dryer may be moved if needed.

Strip 3 1/2” (89 mm) of outer covering from end of cable. Strip insulation back 1” (25 mm). If using 3-wire cable with ground wire, cut bare wire even with outer covering. Shape wire ends into hooks.
2. Remove center screw

Remove center terminal block screw (B).

3. Connect neutral wire

Place hooked end of neutral wire (white or center) (C) of direct wire cable under center terminal block screw (B), hook facing right. Squeeze hooked end together. Tighten screw.

4. Connect remaining wires

Place hooked ends of remaining direct wire cable wires under outer terminal block screws (hooks facing right). Squeeze hooked ends together and tighten screws. Finally, reinsert tab of terminal block cover into slot of dryer rear panel. Secure cover with hold-down screw. Now go to “Venting Requirements.”

Optional External Ground for 3-Wire Connection (Power Supply Cord Shown)

IMPORTANT: You must verify with a qualified electrician that this grounding method is acceptable before connecting.

1. Prepare to connect neutral ground wire and neutral wire

Install the correct strain relief for your electrical connection method, as shown on page 8 or 10.

Remove center terminal block screw (B). Remove neutral ground wire (E) from green external ground conductor screw (A).

2. Connect neutral ground wire and neutral wire

Connect neutral ground wire (E) and neutral wire (white or center wire) (C) of power supply cord or cable under center terminal block screw (B). Tighten screw.

3. Connect remaining wires

Place ends of remaining wires under outer terminal block screws. Tighten screws.
4. Connect external ground wire

Connect a separate copper ground wire (G) under the green external ground conductor screw (A) to an adequate ground. Finally, reinsert tab of terminal block cover into slot of dryer rear panel. Secure cover with hold-down screw. Now go to “Venting Requirements.”

VENTING
Venting Requirements

**WARNING**

Fire Hazard

Use a heavy metal vent.

Do not use a plastic vent.

Do not use a metal foil vent.

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

**WARNING:** To reduce the risk of fire, this dryer MUST BE EXHAUSTED OUTDOORS.

**IMPORTANT:** Observe all governing codes and ordinances. Dryer exhaust must not be connected into any gas vent, chimney, wall, ceiling, attic, crawlspace, or a concealed space of a building. Only rigid or flexible metal vent shall be used for exhausting.

- Only a 4" (102 mm) heavy metal exhaust vent and clamps may be used.
- Do not use plastic or metal foil vent.

**Rigid metal vent:**
- Recommended for best drying performance and to avoid crushing and kinking.

**Flexible metal vent:** (acceptable only if accessible to clean)
- Must be fully extended and supported in final dryer location.
- Remove excess to avoid sagging and kinking that may result in reduced airflow and poor performance.
- Do not install in enclosed walls, ceilings, or floors.
- The total length should not exceed 7 3/4 ft. (2.4 m).
- The length of flexible metal vent used must be included in the overall vent system design as shown in the “Vent System Charts.”

**NOTE:** If using an existing vent system, clean lint from entire length of the system and make sure exhaust hood is not plugged with lint. Replace plastic or metal foil vents with rigid metal or flexible metal vents. Review “Vent System Charts” and, if necessary, modify existing vent system to achieve best drying performance.

**Exhaust hoods:**
- An exhaust hood should cap the vent to keep rodents and insects from entering the home.
- Must be at least 12" (305 mm) from ground or any object that may obstruct exhaust (such as flowers, rocks, bushes, or snow).
- Do not use an exhaust hood with a magnetic latch.

**Recommended Styles:**
- Louvered Hood
- Box Hood

**Acceptable Style:**
- Angled Hood

**Elbows:**
- 45° elbows provide better airflow than 90° elbows.
Special provisions for mobile homes:
Exhaust vent must be securely fastened to a noncombustible portion of mobile home and must not terminate beneath the mobile home. Terminate exhaust vent outside.

Optional exhaust installations:
This dryer can be converted to exhaust out the right side, left side (all models except long vent), or through the bottom. If you prefer, you may contact your local dealer to have the dryer converted.

Plan Vent System
Choose your exhaust installation type

Recommended exhaust installation:

- **Clamps**: Use clamps to seal all joints.
- **Exhaust vent** must not be connected or secured with screws or other fastening devices that extend into interior of duct and catch lint. Do not use duct tape.

Improper venting can cause moisture and lint to collect indoors, which may result in:
- **Moisture damage** to woodwork, furniture, paint, wallpaper, carpets, etc.
- **Housecleaning problems and health problems**.

**WARNING**

Fire Hazard
Cover unused exhaust holes with a manufacturer’s exhaust cover kit.
Contact your local dealer.
Failure to follow these instructions can result in death, fire, electrical shock, or serious injury.

A. Standard rear offset exhaust installation
B. Left- or right-side exhaust installation
C. Bottom exhaust installation

A. Dryer  E. Clamps
B. Elbow  F. Rigid metal or flexible metal vent
C. Wall  G. Vent length necessary to connect elbows
D. Exhaust hood  H. Exhaust outlet

Special provisions for mobile homes:
Exhaust vent must be securely fastened to a noncombustible portion of mobile home and must not terminate beneath the mobile home. Terminate exhaust vent outside.
Determine vent path:
- Select route that will provide straightest and most direct path outdoors.
- Plan installation to use fewest number of elbows and turns.
- When using elbows or making turns, allow as much room as possible.
- Bend vent gradually to avoid kinking.
- Use as few 90° turns as possible.

Determine vent length and elbows needed for best drying performance:
- Use the following “Vent System Charts” to determine type of vent material and hood combinations acceptable to use.
  
  **NOTE:** Do not use vent runs longer than those specified in “Vent System Charts.”
  
  Exhaust systems longer than those specified will:
  - Shorten life of dryer.
  - Reduce performance, resulting in longer drying times and increased energy usage.

The “Vent System Charts” provide venting requirements that will help achieve best drying performance.

### Standard Vent System Chart

<table>
<thead>
<tr>
<th>Number of 90° elbows</th>
<th>Type of vent</th>
<th>Angled hoods</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Rigid metal</td>
<td>64 ft. (20 m)</td>
</tr>
<tr>
<td>1</td>
<td>Rigid metal</td>
<td>54 ft. (16.5 m)</td>
</tr>
<tr>
<td>2</td>
<td>Rigid metal</td>
<td>44 ft. (13.4 m)</td>
</tr>
<tr>
<td>3</td>
<td>Rigid metal</td>
<td>35 ft. (10.7 m)</td>
</tr>
<tr>
<td>4</td>
<td>Rigid metal</td>
<td>27 ft. (8.2 m)</td>
</tr>
</tbody>
</table>

### Long Vent System Chart

<table>
<thead>
<tr>
<th>Number of 90° elbows</th>
<th>Type of vent</th>
<th>Angled hoods</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Rigid metal</td>
<td>160 ft. (48.8 m)</td>
</tr>
<tr>
<td>1</td>
<td>Rigid metal</td>
<td>150 ft. (45.7 m)</td>
</tr>
<tr>
<td>2</td>
<td>Rigid metal</td>
<td>140 ft. (42.7 m)</td>
</tr>
<tr>
<td>3</td>
<td>Rigid metal</td>
<td>130 ft. (39.6 m)</td>
</tr>
<tr>
<td>4</td>
<td>Rigid metal</td>
<td>120 ft. (36.6 m)</td>
</tr>
</tbody>
</table>

To determine if your model has a long vent system, refer to the type code located on the serial number plate in the inner door well. Example: An electric model would be DALV (Long Vent) – ELE – XXXXXXX-XXX.

**NOTE:** For long vent systems, use of box/louvered hoods will improve venting, regardless of length.

### Install Vent System

#### Install exhaust hood

Install exhaust hood and use caulking compound to seal exterior wall opening around exhaust hood.

#### Connect vent to exhaust hood

Vent must fit over the exhaust hood. Secure vent to exhaust hood with 4" (102 mm) clamp. Run vent to dryer location using straightest path possible. Avoid 90° turns. Use clamps to seal all joints. Do not use duct tape, screws, or other fastening devices that extend into interior of vent to secure vent, because they can catch lint.

### CONNECT INLET HOSE (STEAM MODEL ONLY)

For non-steam models, skip to “Connect Vent.”

The dryer must be connected to the cold water faucet using new inlet hoses (not supplied). Do not use old hoses.

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

Periodically inspect and replace hoses if bulges, kinks, cuts, wear, or leaks are found.

#### Turn cold water off, remove hose, and replace rubber washer

Turn cold water faucet off and remove washer inlet hose.
Remove old rubber washer from inlet hose and replace with new rubber washer.
2. Attach short hose and “Y” connector

Attach 2 ft (0.6 m) inlet hose to cold water faucet. Screw on coupling by hand until it is seated on faucet. Then attach “Y” connector to male end of the 2 ft (0.6 m) inlet hose. Screw on coupling by hand until it is seated on connector.

3. Tighten couplings

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

NOTE: Do not overtighten. Damage to the coupling can result.

4. Attach long hose to “Y” connector and tighten couplings

Attach one of the 5 ft (1.5 m) inlet hose ends to the “Y” connector. Attach washer cold inlet hose to other side of “Y” connector. Screw on coupling by hand until it is seated on connector. Using pliers, tighten the couplings an additional two-thirds turn.

NOTE: Do not overtighten. Damage to the coupling can result.

5. Attach long hose to dryer fill valve and tighten coupling

Remove protective cap from water inlet valve. Attach other end of long hose to fill valve at bottom of dryer back panel. Screw on coupling by hand until it is seated on fill valve connector. Using pliers, tighten the couplings an additional two-thirds turn.

NOTE: Do not overtighten. Damage to the coupling can result.

6. Turn on cold water faucet

Check that the water faucets are turned on.

7. Check for leaks

Check for leaks around “Y” connector, faucet, and hoses.
**CONNECT VENT**

1. Connect vent to exhaust outlet

Using a 4" (102 mm) clamp, connect vent to exhaust outlet in dryer. If connecting to existing vent, make sure vent is clean. Dryer vent must fit over dryer exhaust outlet and inside exhaust hood. Check that vent is secured to exhaust hood with a 4" (102 mm) clamp.

2. Move dryer to final location

Move dryer to final location, taking care not to crush or kink vent.

After dryer is in place, remove corner posts and cardboard from under dryer.

**LEVEL DRYER**

1. Level dryer

Check levelness of dryer from side to side. Repeat from front to back.

**NOTE:** The dryer must be level for the moisture sensing system to operate correctly.

2. Adjust leveling legs

If dryer is not level, prop up using a wood block, use wrench to adjust legs up or down, and check again for levelness. Once dryer is level, make sure all four legs are snug against the floor and dryer does not rock.
IMPORTANT: If the protective film has not yet been removed from the dryer, peel the film from the dryer door before proceeding.

Using a T25® screwdriver, remove the 4 screws securing the door hinge to the dryer and lift up and out to remove the door. Place the door on a soft towel or other non-scratch surface. Reinstall the 4 screws in the holes.
2. Move the door strike

Using a T25® screwdriver, remove the 2 screws securing the door strike to the door frame of the dryer. Rotate the strike 180° and attach to the opposite side of dryer door frame as shown.

3. Remove inner door from outer door

Position the door with the inside of the door facing up. Using a Phillips screwdriver, remove the 10 screws securing the inner door to the outer door. Lift off the inner door and set aside.

4. Remove outer window assembly from trim ring

Using a Phillips screwdriver, remove the 2 screws from the outer window retainer and rotate the outer window assembly clockwise until the square notches line up with the 4 tabs on the trim ring indicated with arrows in the figure A above. Then lift out the outer window and retainer up and off the trim ring and set aside (B).
5. Reverse outer window assembly

Using a Phillips screwdriver, remove the 4 screws from the outer window retainer and lift off the trim ring off the window (A). Rotate trim ring 180° and secure with the 4 screws removed earlier (B).

6. Rotate and reassemble outer window assembly to trim ring

With the edge with 2 notches at the top, align the notches on the outer window assembly with the tabs on the trim ring and lower into place as shown in figure A. Rotate the outer window assembly counterclockwise to lock tabs into place (figure B). Using a Phillips screwdriver, secure with 2 screws removed earlier.

IMPORTANT: Do not overtighten.

7. Remove hinge and latch

Using a T25® screwdriver, remove the 3 screws securing the latch plate and latch backing plate and the 5 screws holding the hinge assembly in place.
8. Reinstall hinge and latch on opposite sides

Using a T25® screwdriver, reinstall the latch plate, latch backing plate, and hinge assembly on the opposite sides from which they were removed.

9. Reinstall inner door assembly

Position the door with the inside of the door facing up. Reinstall the 10 screws securing the inner door to the outer door.

10. Reinstall door on dryer

Using a T25® screwdriver, remove the 4 screws on the dryer. Insert the tabs on the hinge into the mounting slot and slide down to engage the top tab. Secure in place with the 4 T25® screws removed earlier.

Reverse door swing round-shaped door with flat glass – double handle

1. Remove door from dryer

IMPORTANT: If the protective film has not yet been removed from the dryer, peel the film from the dryer door before proceeding.

Using a T25® screwdriver, remove the 4 screws securing the door hinge to the dryer and lift up and out to remove the door. Place the door on a soft towel or other non-scratch surface. Reinstall the 4 screws in the holes.
2. Move the door strike

Using a T25® screwdriver, remove the 2 screws securing the door strike to the door frame of the dryer. Rotate the strike 180° and attach to the opposite side of dryer door frame as shown.

3. Remove inner door from outer door

Position the door with the inside of the door facing up. Using a Phillips screwdriver, remove the 10 screws securing the inner door to the outer door. Lift off the inner door and set aside.

4. Remove hinge and latch

Using a T25® screwdriver, remove the 3 screws securing the latch plate and latch backing plate and the 5 screws holding the hinge assembly in place.

5. Reinstall hinge and latch on opposite sides

Using a T25® screwdriver, reinstall the latch plate and latch backing plate with the 3 TORX® screws removed earlier and the hinge assembly with the 5 screws on the opposite sides from which they were removed.
1. Remove door from dryer

Using a T25° screwdriver, remove the 4 screws securing the door hinge to the dryer and lift up and out to remove the door. Place the door on a soft towel or other non-scratch surface. Reinstall the 4 screws in the holes.

IMPORTANT: If the protective film has not yet been removed from the dryer, peel the film from the dryer door before proceeding.

Reverse door swing round-shaped door with curved glass - double handle

2. Move the door strike

Using a T25° screwdriver, remove the 2 screws securing the door strike to the door frame of the dryer. Rotate the strike 180° and attach to the opposite side of dryer door frame as shown.

6. Reinstall inner door assembly

Position the door with the inside of the door facing up. Reinstall the 10 screws securing the inner door to the outer door.

7. Reinstall door on dryer

Using a T25° screwdriver, remove the 4 screws on the dryer. Insert the tabs on the hinge into the mounting slot and slide down to engage the top tab. Secure in place with the 4 screws removed earlier.
3. Remove inner door from outer door

Position the door with the inside of the door facing up. Using a Phillips screwdriver, remove the 10 screws securing the inner door to the outer door. Lift off the inner door and set aside.

4. Remove hinge and latch

Using a T25® screwdriver, remove the 3 screws securing the latch plate and latch backing plate and the 5 screws holding the hinge assembly in place.

5. Reinstall hinge and latch on opposite sides

Using a T25® screwdriver, reinstall the latch plate and latch backing plate with the 3 screws removed earlier and the hinge assembly with the 5 screws on the opposite sides from which they were removed.

6. Reinstall inner door assembly

Position the door with the inside of the door facing up. Reinstall the 10 screws securing the inner door to the outer door.
### 7. Reinstall door on dryer

Using a T25® screwdriver, remove the 4 screws on the dryer. Insert the tabs on the hinge into the mounting slot and slide down to engage the top tab. Secure in place with the 4 T25® screws removed earlier.

### 2. Move the door strike

Using a T25® screwdriver, remove the 2 screws securing the door strike to the door frame of the dryer. Remove the 4 screws above and below the door strike and set aside for later use. Rotate the strike 180° and attach to the opposite side of dryer door frame as shown.

### Reverse door swing square-shaped door

### 1. Remove door from dryer

Using a T25® screwdriver, remove the 4 screws securing the door hinge to the dryer and lift up and out to remove the door. Place the door on a soft towel or other non-scratch surface. Retain or set aside the 4 screws.

### 3. Remove inner door from outer door

Position the door with the inside of the door facing up. Using a Phillips screwdriver, remove the 13 screws securing the inner door to the outer door. Lift off the inner door and set aside.

**NOTE:** There is a small release tab on each side of the door. If the inner and outer door do not separate easily, slide a credit card, putty knife, or similar flat object between the inner and outer doors at the locations shown to release the tab.
4. Remove hinge and latch from inner door

Using a T25® screwdriver, remove the 3 screws securing the latch plate and the 5 screws holding the hinge assembly in place.

5. Reinstall hinge and latch on opposite sides

Using a T25® screwdriver, reinstall the latch plate and hinge assembly on the opposite sides from which they were removed.

6. Reattach inner door to outer door

Position the inner door on the outer door assembly. Using a Phillips screwdriver, secure with the 13 screws removed earlier.

7. Reattach door to dryer

Using a T25® screwdriver, reinstall the 4 screws securing the door hinge to the dryer.