

Have questions about your dryer?

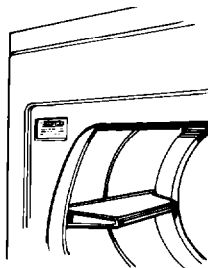
Check your Use and Care Guide for a toll-free number to call, or call your dealer. The dealer is listed in the Yellow Pages of your phone directory under "Appliances — Household — Major — Service and Repair."

When you call, you will need the dryer model number and serial number. Both numbers are on the model/serial rating plate located in the door well behind the dryer door and on front of opening.

Record the numbers here for handy reference:

Model No. _____

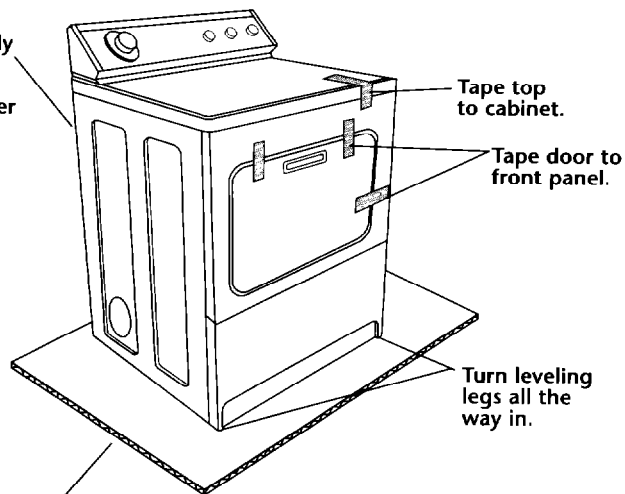
Serial No. _____



Moving dryer to a new location?

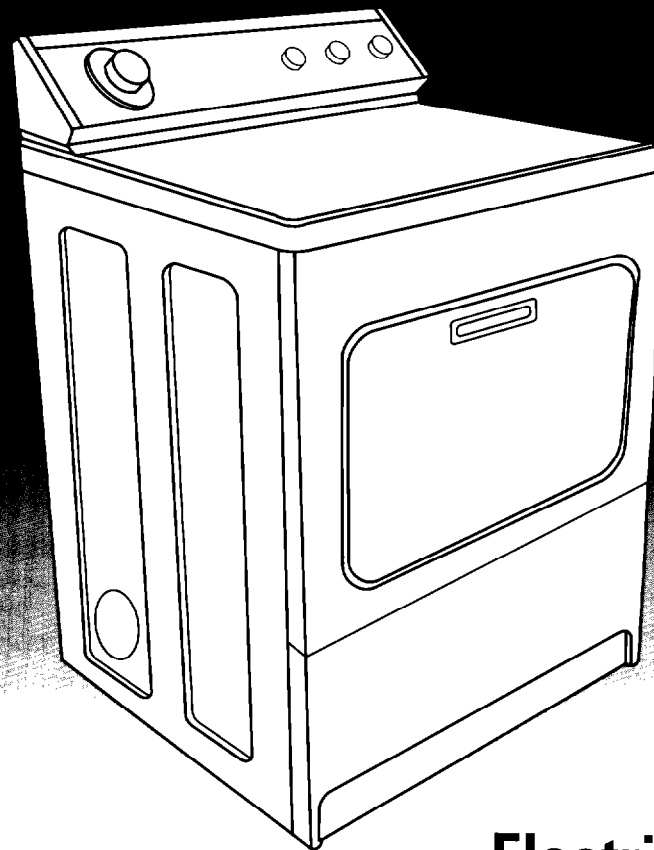
Check with a licensed electrician to confirm that supply voltage at new home matches voltage specified on the model/serial rating plate.

Shut off electrical supply to dryer. Unplug power supply cord and tape it securely to dryer. (Or disconnect power supply cable from dryer.)



Slide dryer onto cardboard or hardboard before moving it across the floor to prevent damaging floor covering.

Installation Instructions



Electric Dryer

Part No. 3397629

IMPORTANT:

Read and save these instructions.

Installer: Leave Installation Instructions with homeowner.

Homeowner: Keep Installation Instructions for future reference.

For best performance, install dryer according to Installation Instructions. Failure to complete installation as instructed could void warranty.

Save Installation Instructions for local electrical inspector's use.



Before you start:

Your safety and the safety of others is 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 hazards that can kill or hurt you and others. All safety messages will be preceded by the safety alert symbol and the word "DANGER" or "WARNING". These words mean:

⚠ DANGER

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

⚠ WARNING

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

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

Check that you have everything necessary for correct installation. Proper installation is your responsibility.

Tools needed:

- #2 Phillips screwdriver
- flat-blade screwdriver
- adjustable wrench that opens to 1" or 1" hex-head socket wrench (for adjusting dryer feet)
- level
- wire stripper (direct wire installations)
- safety glasses
- caulking gun and compound (new vent installation)
- gloves
- tin snips (new vent installations)

Parts supplied:

Remove parts package from dryer drum. Check that all 4 legs were included.



4 leveling legs

Parts needed:

Check local codes and see electrical and venting requirements, Panels A and B, before purchasing parts. Determine if you will need to purchase a power supply cord kit or power supply cable.

Electrical





If using a power supply cord:

Dryer power supply cord must be:

- U.L.-listed
- 30-ampere
- 120/240-volt minimum
- Type SRD or SRDT
- At least 4 feet long

The wires that connect to the dryer must end in ring terminals or spade terminals with upturned ends.

The receptacle must be located within 3 feet of the top, back center of the control console.

If your outlet looks like this:	Choose this power supply cord:
 4-wire receptacle (14-30R)	 4-wire power supply cord with ring or spade terminals and U.L.-listed strain relief
 3-wire receptacle (10-30R)	 3-wire power supply cord with ring or spade terminals and U.L.-listed strain relief

If connecting by direct wire:

Power supply cable must match power supply (4-wire or 3-wire) and be:





- flexible armored or non-metallic sheathed copper cable (with ground wire). All current-carrying wires must be insulated. See Panels D and E.
- 10-GAUGE SOLID COPPER WIRE. (Do not use aluminum.)
- at least 4 feet long.

Venting

Vent

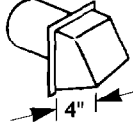
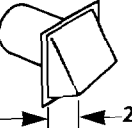
Four-inch heavy metal exhaust vent and clamps must be used. Dura Safe™ vent products are recommended.

Dura Safe vent products can be purchased from your dealer or by calling Whirlpool Parts & Accessories 1-800-442-9991, Mon-Fri: 8am to 9pm (CST), Sat: 9am to 4:30pm (CST). Visit our internet site at <http://whirlpoolappliances.com/accessories>

Preferred	Acceptable
 rigid metal	 flexible metal
DO NOT USE non-metal vent	
 No flexible plastic	 No flexible foil

Exhaust hood

Do Not use exhaust hoods with magnetic latches.

Preferred	Acceptable
 4"	 2-1/2"

Mobile home installations require:

- Mobile Home Installation Kit, Part Number 346764*
- Metal exhaust system hardware*

Floors sloped greater than 1 inch:

Require Extended Dryer Feet Kit, Part No. 279810*

*Available for purchase from your dealer.

Dryer location and dimensions

⚠ WARNING



Explosion Hazard

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

Place dryer at least 18 inches above the floor for a garage installation.

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

For proper drying performance:

The location must provide:

- ✓ **Protection from weather and water:** Do not store or use dryer where it will be exposed to water and weather.
- ✓ **Room temperature above 45°F:** If room temperature is below 45°F, automatic cycles may not shut off.

- ✓ **Level floor:** Maximum slope under entire dryer should not be more than 1 inch. (If slope is greater than 1 inch, install Extended Dryer Feet Kit, Part No. 279810.) Clothes may not tumble properly and automatic sensor cycles may not operate correctly if dryer is not level.
- ✓ **Sturdy floor** to support dryer weight of 120 pounds.

It is your responsibility to:

- ✓ Observe all governing codes and ordinances.
- ✓ **Check code requirements:** Some codes limit or do not permit installation of clothes dryers in garages, closets, mobile homes or sleeping quarters. Contact your local building inspector.
- ✓ Comply with the installation specifications and dimensions.
- ✓ Consider spacing requirements for companion appliances.
- ✓ Make sure you have everything necessary for proper installation.
- ✓ Properly install dryer.
- ✓ Contact a qualified installer to insure that the electrical installation meets all national and local codes and ordinances.

Recessed area/closet installation

Installation clearances

Use recommended clearance for easier installation.

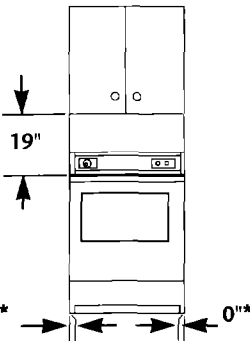
Recommended/Minimum				
	Back	Sides	Top	Front
Recessed	5"/0"	1"/0"	18"/18"	—
Closet	5"/4"	1"/0"	18"/18"	1"/1"

- A clothes dryer produces combustible lint and should be exhausted outdoors.
- If codes permit, dryer may be installed in a recessed area or closet using dimensions shown.
- Dimensions are in inches and are the minimum allowable.
- Additional spacing should be considered for ease of installation and servicing. Companion appliance spacing should also be considered.

Recessed area installation

The dryer must be exhausted to the outdoors.

front view

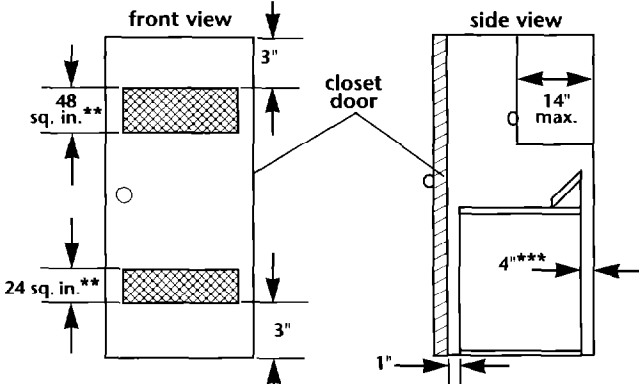


* Wall, door and floor molding may require additional spacing.

Closet/confined area installation

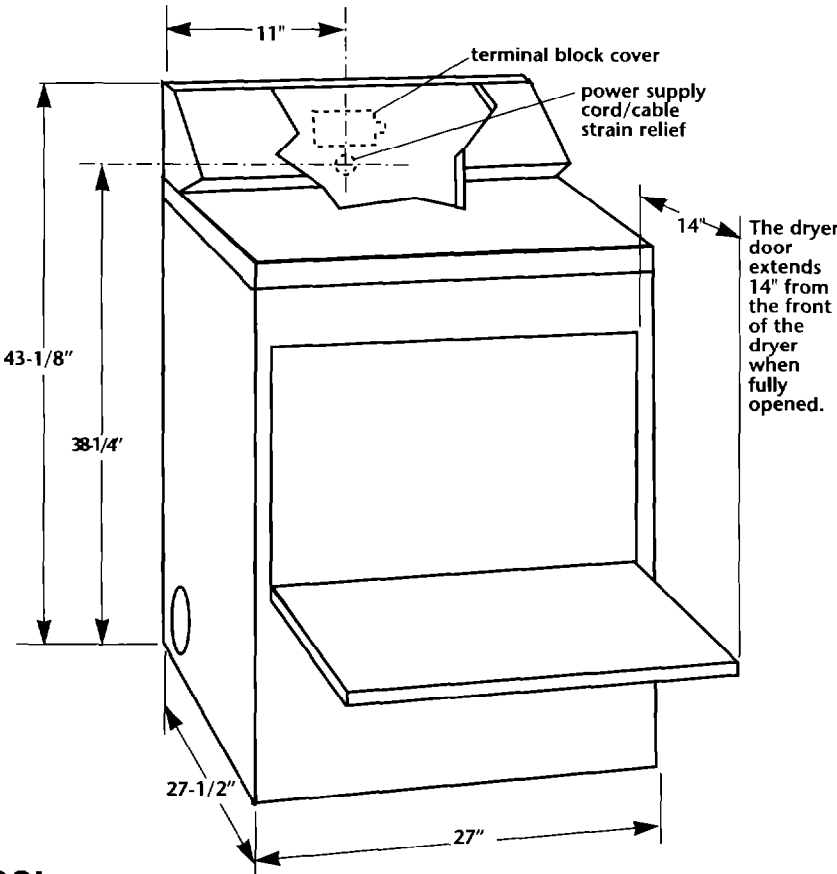
WARNING - To reduce the risk of fire, this appliance MUST BE EXHAUSTED OUTDOORS.

If a closet door is installed: The minimum unobstructed air openings are required. Louvered doors with equivalent air openings are acceptable.

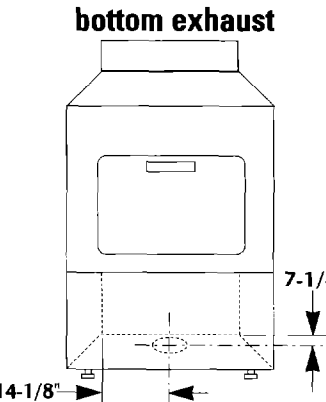
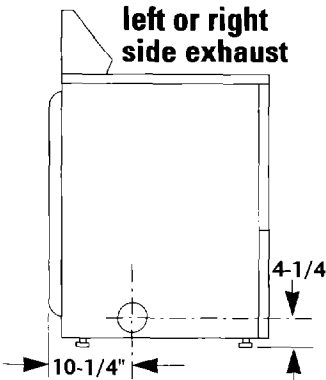
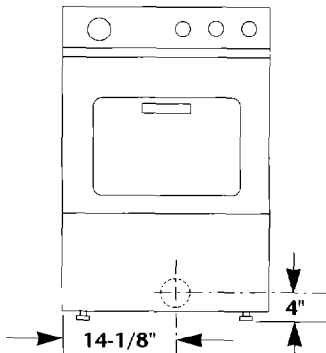


** Minimum top and bottom air openings for closet door.
*** External exhaust elbow requires additional space.

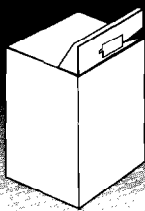
Dimensions shown with feet extended 1" from bottom of dryer.



Exhaust dimensions



Electrical requirements



⚠ WARNING



Electrical Shock Hazard

Plug into a grounded 3-prong outlet.

Do not remove ground prong.

Do not use an adapter.

Do not use an extension cord.

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

If codes permit and a separate ground wire is used, it is recommended that a qualified electrician determine that the ground path is adequate.

Important: Observe all governing codes and ordinances.

A four-wire or three-wire, single phase, 120/240-volt, 60-Hz, AC-only, electrical supply (or four-wire or three-wire, 120/208-volt if specified on model/serial rating plate) is required on a separate 30-ampere circuit, fused on both sides of the line. A time-delay fuse or circuit breaker is recommended.

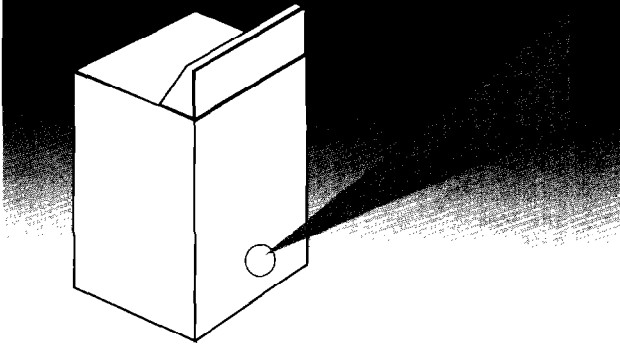
Recommended ground method

It is the personal responsibility and obligation of the customer to contact a qualified electrician to assure that the electrical installation is adequate and is in conformance with the National Electrical Code, ANSI/NFPA 70 — latest edition***** and all local codes and ordinances.

Copies of the standards listed above may be obtained from:

*****National Fire Protection Association
Batterymarch Park
Quincy, Massachusetts 02269

Exhaust requirements



⚠ WARNING



Fire Hazard

Use a heavy metal vent.
Do not use a plastic vent.
Do not use a metal foil vent.
Failure to do so can result in death or fire.

Important: Observe all governing codes and ordinances.

It is recommended that you exhaust your dryer to the outside for best performance. Moisture and lint indoors may cause:

- Lint to gather around the dryer where it can be fuel for a fire.
- Moisture damage to woodwork, furniture, paint, wallpaper, carpet, etc.
- Housecleaning problems and health problems.

Dura Safe™ venting products are recommended and are available from your dealer.

Four-inch diameter vent must be used.

Use a heavy metal vent. Do Not use plastic or metal foil vent.

- Do Not use non-metal flexible vent, or exhaust hoods with magnetic latches.
- Do Not exhaust dryer into a chimney, furnace, cold air vent, attic or crawl space, or any other vent used for venting.
- Do Not install flexible vent in enclosed walls, ceilings or floors.

Rigid metal vent is recommended to prevent crushing and kinking.

Flexible metal vent must be fully extended and supported when the dryer is in its final position. Remove excess flexible vent to avoid sagging and kinking that may result in reduced air flow.

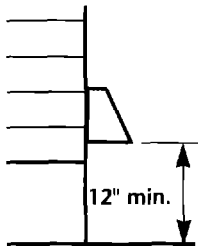
An exhaust hood should cap the exhaust vent to prevent rodents and insects from entering the home.

Exhaust outlet hood must be at least 12 inches from the ground or any object that may be in the path of the exhaust (such as flowers, rocks or bushes, etc.).

If using an existing exhaust system, clean lint from entire length of system and make sure exhaust hood is not plugged with lint. Replace any vinyl or metallized plastic foil vent with rigid metal or flexible metal vent.

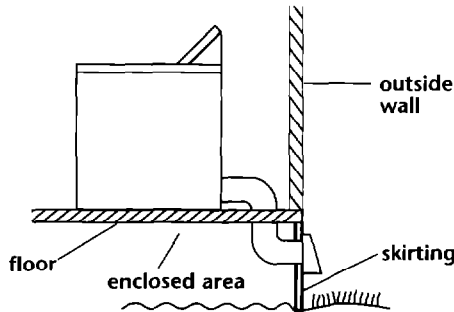
Use clamps to seal all joints. Do Not use duct tape, screws or other fastening devices that extend into the interior of the vent to secure vent.

Service check: Back pressure in any exhaust system used must not exceed 0.6 inches in water column measured with an incline manometer at the point that exhaust vent connects to dryer.



Mobile home installation requirements

If codes permit, this appliance is suitable for mobile home installations. The installation of the dryer must conform to Manufactured Home Construction and Safety Standard, Title 24 CFR, Part 3280 (formerly the Federal Standard for Mobile Homes Construction and Safety, Title 24, HUD Part 280) or latest edition.



The dryer must be exhausted outside.

If dryer is exhausted through the floor and the area under the mobile home is enclosed, the exhaust system must terminate outside the enclosure area.

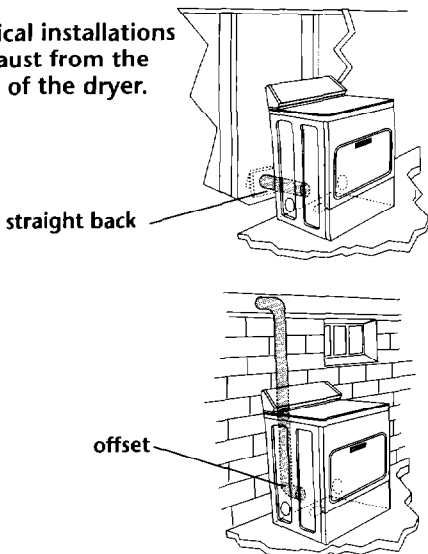
Plan the exhaust vent installation

Route the vent

The exhaust outlet is located at the center of the rear of the dryer.

The exhaust vent can be routed up, down, left, right or straight out the back of the dryer. See "Recessed area/closet installation" section, Panel A, for general space requirements.

Typical installations exhaust from the rear of the dryer.



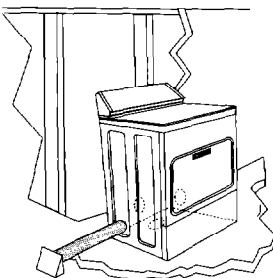
This dryer may be converted to exhaust out the right or left side or through the bottom.

To convert the dryer, the following kits are available from your dealer:

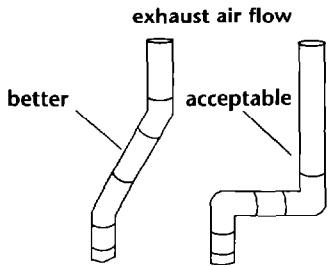
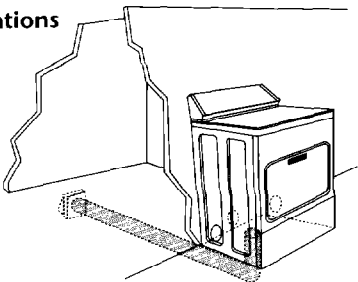
- Exhaust Kit No. 279818 (white)
- Exhaust Kit No. 279819 (almond)

Follow the instructions in the kit to avoid operational and personal hazards.

Typical installations for left or right side exhausting.



Typical installations for bottom exhausting.



Select the route that will provide the straightest and most direct path outdoors. Plan the installation to use the fewest number of elbows and turns.

When using elbows or making turns, allow as much room as possible. Bend vent gradually to avoid kinking.

Determine vent length

The maximum length of the exhaust system depends upon:

- the type of vent (rigid or flexible metal).
- the number of elbows used.
- side or bottom exhaust. Side or bottom exhaust adds a 90° turn inside the dryer. To determine maximum exhaust length, add one 90° turn to the chart.

1. See the exhaust vent length chart that matches your type hood for the maximum vent lengths you can use.

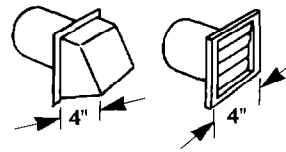
Do not use vent runs longer than specified in exhaust vent length charts.

Exhaust systems longer than specified will:

- accumulate lint creating a potential fire hazard.
- shorten the life of the dryer.
- reduce performance, resulting in longer drying times and increased energy usage.

2. Determine the number of elbows you will need.
3. In the column listing the type of metal vent you are using (rigid or flexible), find the maximum length of metal vent on the same line as the number of elbows.
4. Determine the number of 4" clamps you will need.

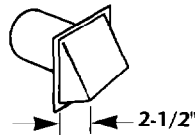
Preferred —



When you have a 4" hood ...

Number of 90° elbows	Maximum length of 4" diameter metal vent	
	Rigid	Flexible (fully extended)
0	64 ft.	36 ft.
1	54 ft.	31 ft.
2	44 ft.	27 ft.
3	35 ft.	25 ft.
4	27 ft.	23 ft.

Acceptable —



When you have a 4" hood ...

Number of 90° elbows	Maximum length of 4" diameter metal vent	
	Rigid	Flexible (fully extended)
0	58 ft.	28 ft.
1	48 ft.	23 ft.
2	38 ft.	19 ft.
3	29 ft.	17 ft.
4	21 ft.	15 ft.

The maximum length using a 2" x 6" rectangular vent with 2 elbows and a 2-1/2" exhaust hood is 8 ft.

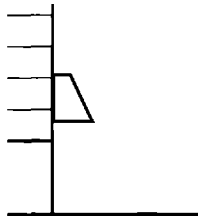
For exhaust systems not covered by exhaust vent length charts (such as multiple unit hookups, plenums, and power-assist fans), see Service Manual, Part No. 603197. (To purchase the Service Manual, see your Use and Care Guide for a toll-free telephone number.)



Now start installation (If installing washer and dryer, install dryer first.)

A. Install ventwork (new installation)

1. Put on safety glasses and gloves.
2. Install exhaust hood. Use caulking compound to seal exterior wall opening around exhaust hood.
3. Connect vent to exhaust hood with 4" clamp. (Exhaust vent MUST fit inside hood.)
4. Run exhaust vent to dryer location. Use the straightest path possible. (See Panel B.) Use clamps to secure vent pieces. Tin snips may be needed to cut vent to required length.



See installation steps for details.

D.
Check that
dryer is level.

B.
Install feet.

SLIDE DRYER ONTO
CARDBOARD OR
HARDBOARD BEFORE
MOVING ACROSS FLOOR
TO PREVENT FLOOR
DAMAGE.

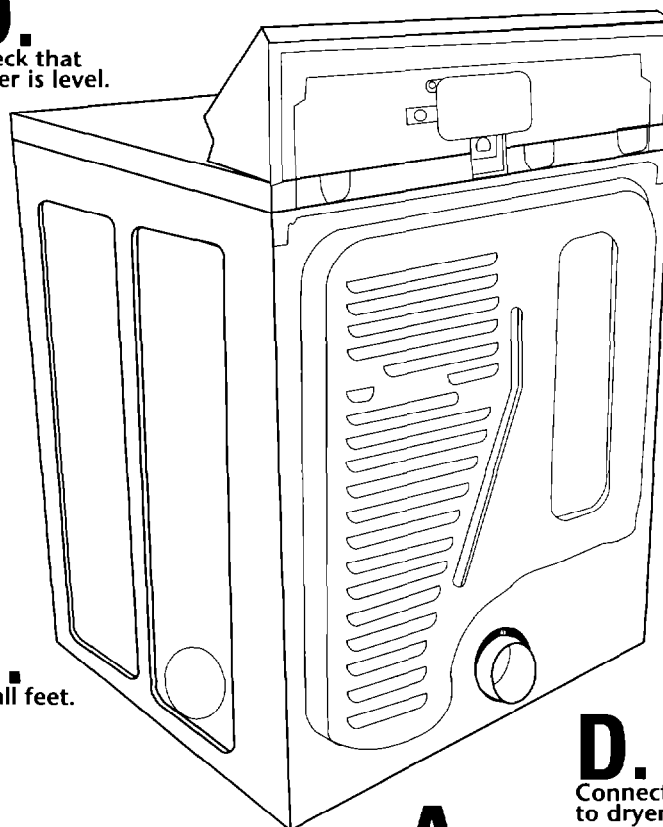
E.
Check operation.

E.
Turn on
power supply.

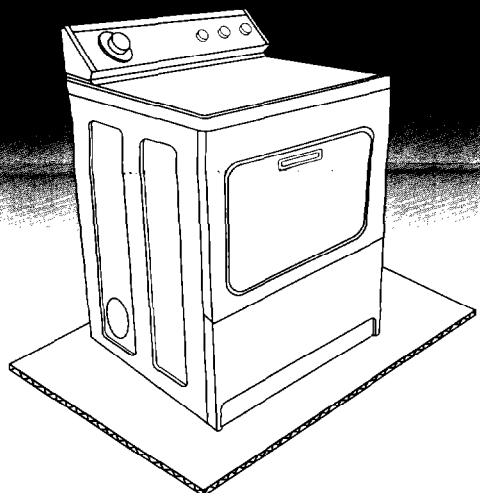
C.
Disconnect power
supply.
Make electrical
connection.

D.
Connect vent
to dryer.

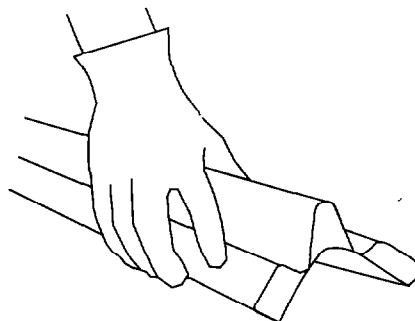
A.
Install vent
work.



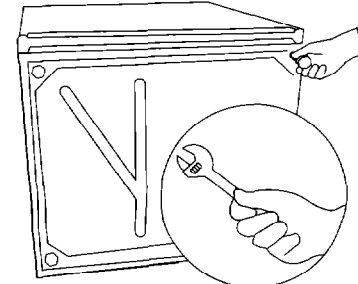
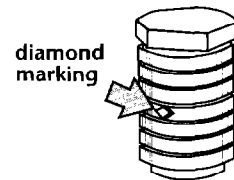
B. Prepare dryer



1. Open dryer door and drying rack, if included. Wipe drum with damp cloth to remove any dust.



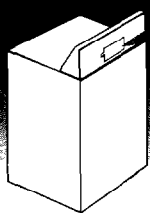
2. Take two cardboard corners from dryer carton and place them on floor in back of dryer. Firmly grasp body of dryer and gently lay it on its back on the cardboard corners.



3. Start to screw legs into holes by hand. Use an adjustable wrench or 1" hex-head socket wrench to finish turning legs until you reach the ridge with the diamond marking.

4. Stand dryer up on cardboard or hardboard.

C. Electrical connection



This dryer is manufactured with the cabinet-ground conductor connected to the NEUTRAL (center) of the wiring harness at the terminal block. If local codes do NOT permit this type of connection, use "Four-wire connection" instructions.

GROUNDING INSTRUCTIONS: This appliance 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.

If using a power supply cord, the plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

If using a direct wire connection, this appliance must be connected to a grounded metal, permanent wiring system; or an equipment-ground conductor must be run with the circuit conductors and connected to the equipment-ground terminal or lead on the appliance.

Power supply cord

⚠ WARNING



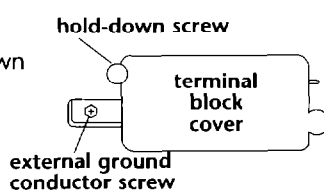
Electrical Shock Hazard

Turn power supply off before connecting cord.
Use a new 30-ampere power supply cord.
Plug into a grounded outlet.
Failure to follow these instructions can result in death, fire, or electrical shock.

WARNING - Improper connection of the equipment-grounding 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 grounded. Do not modify the power supply cord plug. If it will not fit the outlet, have a proper outlet installed by a qualified electrician.

1. Disconnect the power supply.

2. Remove hold-down screw and terminal block cover.



Direct wire

⚠ WARNING



Electrical Shock Hazard

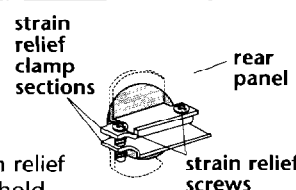
Turn power supply off before connecting wires.

Use 10-gauge solid copper wire.

Electrically ground dryer.

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

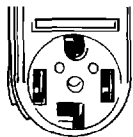
3. Assemble 3/4" U.L.-listed strain relief (U.L. marking on strain relief) into the hole below terminal block opening. Tighten strain relief screws just enough to hold the two clamp sections together. Install power supply cord/cable through the strain relief.



Complete installation following instructions for your type of connection:

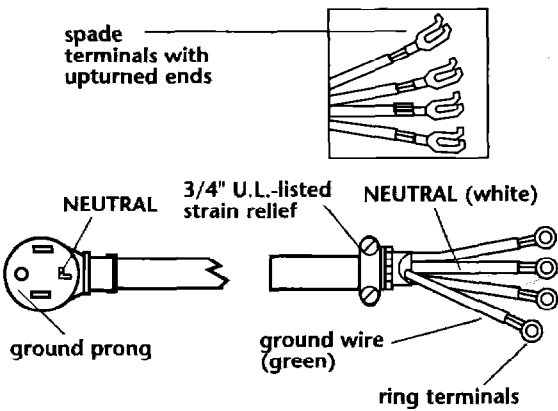
- Four-wire (recommended method)
- Three-wire (if four-wire is not available)

Four-wire connection...



14-30R Four-wire receptacle (required for mobile homes)

POWER SUPPLY CORD

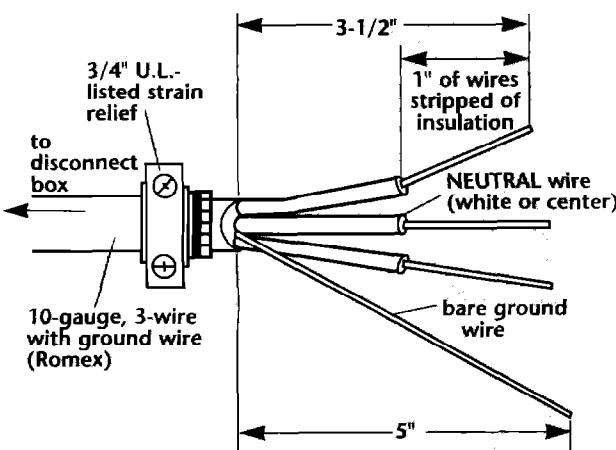


Four-wire power supply cord at least four feet long must have four, No.-10 copper wires and match a four-wire receptacle of NEMA Type 14-30R. The fourth wire (ground conductor) must be identified with a green cover and the neutral conductor by a white cover.

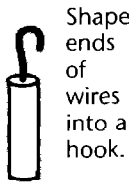
4. Remove center terminal block screw.
5. Remove appliance ground wire (green with yellow stripes) from external ground connector screw. Fasten under center, silver-colored terminal block screw.
6. Connect ground wire (green) of power supply cord to external ground conductor screw. Tighten screw.
7. Connect neutral wire (white or center) of power supply cord under center screw of the terminal block. Tighten screw.
8. Connect the other wires to outer terminal block screws. Tighten screws.
9. Tighten strain relief screws.
10. Insert tab of terminal block cover into slot of the dryer rear panel. Secure cover with hold-down screw.

DIRECT WIRE

Preparing the wire:



Direct wire cable must have four feet of extra length so dryer can be moved if needed. Strip 5 inches of outer covering from end of cable. Leave bare ground wire at 5 inches. Cut 1-1/2 inches from 3 remaining wires. Strip insulation back 1 inch.



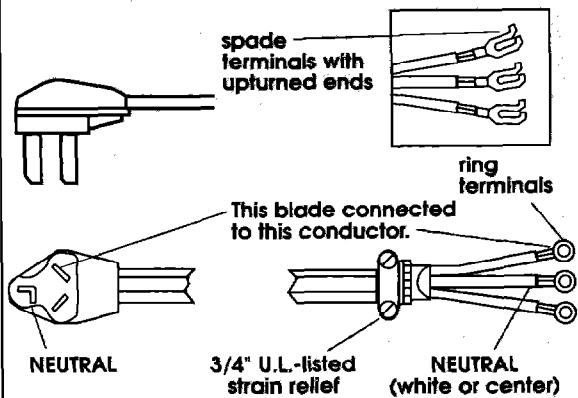
4. Remove center terminal block screw.
5. Remove appliance ground wire (green with yellow stripes) from external ground connector screw. Fasten under center, silver-colored terminal block screw.
6. Connect the ground wire (bare) of the power supply cable to the external ground conductor screw. Tighten screw.
7. Place the hooked end of the neutral wire (white or center) of power supply cable under the center screw of terminal block (hook facing right). Squeeze hook end together. Tighten screw.
8. Place the hooked ends of the other power supply cable wires under the outer terminal block screws (hook facing right). Squeeze hooked ends together. Tighten screws.
9. Tighten strain relief screws.
10. Insert tab of terminal block cover into slot of dryer rear panel. Secure cover with hold-down screw.

Three-wire connection...



10-30R Three-wire receptacle

POWER SUPPLY CORD



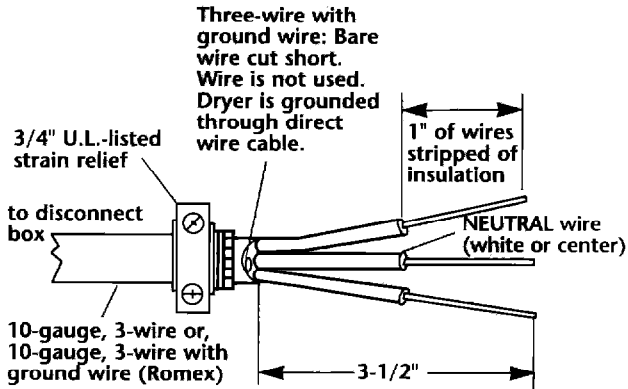
Three-wire power supply cord at least four feet long must have three, No.-10 copper wires and match a three-wire receptacle of NEMA Type 10-30R.

Where local codes permit connecting cabinet-ground conductor to neutral wire:

4. Loosen or remove center terminal block screw.
5. Connect the neutral wire (white or center) of power supply cord to the center, silver-colored terminal screw of the terminal block. Tighten screw.
6. Connect the other wires to outer terminal block screws. Tighten screws.
7. Tighten strain relief screws.
8. Insert tab of terminal block cover into slot of dryer rear panel. Secure cover with hold-down screw.

DIRECT WIRE

Preparing the wire:



Direct wire cable must have four feet of extra length so dryer can be moved if needed.

Strip 3-1/2 inches of outer covering from end of cable. Strip insulation back 1 inch. If using 3-wire cable with ground wire, cut bare wire even with outer covering.



Shape ends of wires into a hook.

Where local codes permit connecting cabinet-ground conductor to neutral wire:

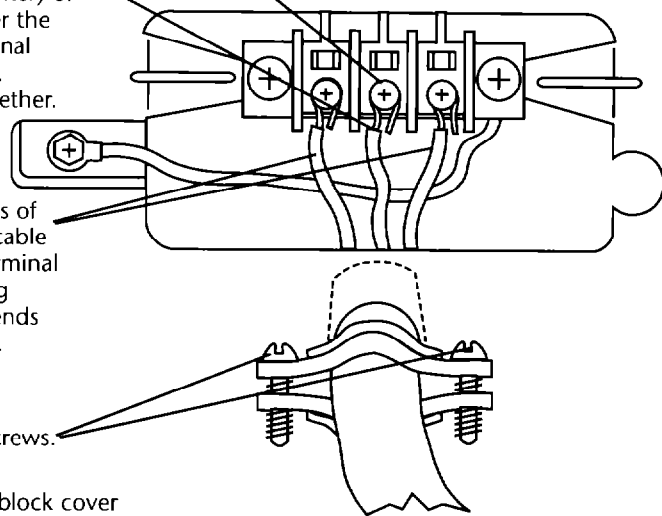
4. Loosen or remove center terminal block screw.

5. Place the hooked end of the neutral wire (white or center) of power supply cable under the center screw of the terminal block (hook facing right). Squeeze hooked end together. Tighten screw.

6. Place the hooked ends of the other power supply cable wires under the outer terminal block screws (hook facing right). Squeeze hooked ends together. Tighten screws.

7. Tighten strain relief screws.

8. Insert tab of terminal block cover into slot of dryer rear panel. Secure cover with hold-down screw.



DIRECT WIRE OR POWER SUPPLY CORD

Three-wire power supply cord must be four feet long and have three, No.-10 copper wires and match a three-wire receptacle of NEMA Type 10-30R.

Direct wire power supply cable must be prepared as shown in "Preparing the wire" of the three-wire connection direct-wire steps above.

If codes permit and a separate ground wire is used, it is recommended that a qualified electrician determine that the ground path is adequate.

Where local codes Do Not permit connecting cabinet-ground conductor to neutral wire:

4. Remove center terminal block screw.

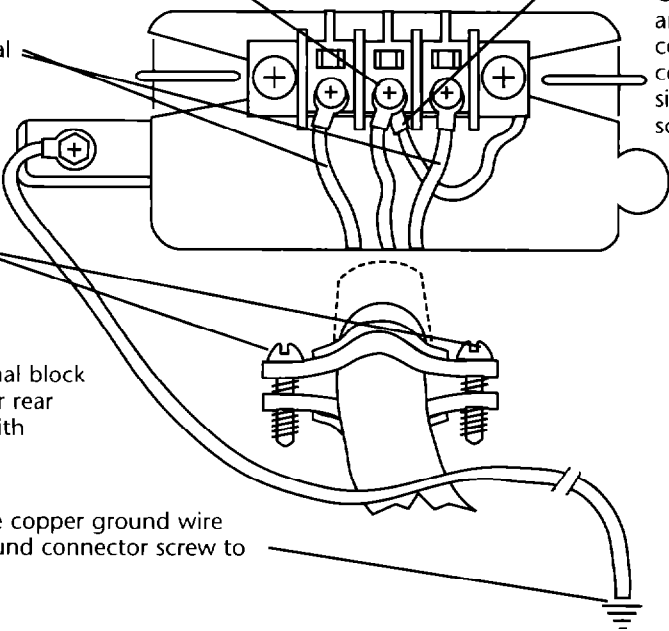
6. Connect the other wires to outer terminal block screws. Tighten screws.

7. Tighten strain relief screws.

8. Insert tab of terminal block cover into slot of dryer rear panel. Secure cover with hold-down screw.

9. Connect a separate copper ground wire from the external ground connector screw to an adequate ground.

5. Remove the appliance ground wire (green with yellow stripes) from the external ground connector screw. Connect appliance ground wire and the neutral wire (white or center) of the power supply cord/cable under the center, silver-colored terminal block screw. Tighten screw.

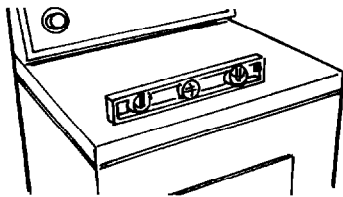


D. Level & exhaust the dryer

Dryer must be level to reduce noise and assure proper performance.

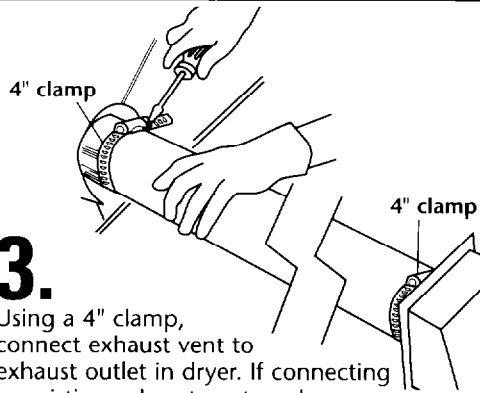
Slide dryer onto cardboard or hardboard before moving across floor to prevent floor damage.

1. Move dryer close to its permanent location. Leave enough room to connect exhaust vent. Remove cardboard or hardboard from under dryer.



2. Check levelness of dryer by placing a level on top of dryer, first side to side, then front to back. If dryer is not level, adjust dryer legs up or down.

If legs are not long enough to level dryer, order Extended Dryer Feet Kit, Part No. 279810 (sold two legs per kit), from your dealer.

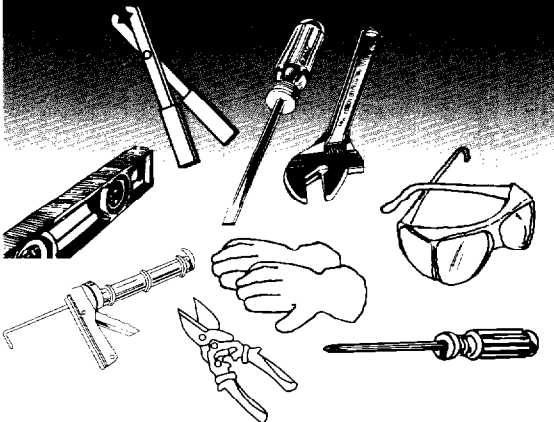


3. Using a 4" clamp, connect exhaust vent to exhaust outlet in dryer. If connecting to existing exhaust vent, make sure the vent is clean. The dryer exhaust vent **must** fit over the dryer exhaust outlet and inside the exhaust hood.

Make sure exhaust vent is secured to exhaust hood with a 4" clamp.

4. Move dryer into final position. Do not crush or kink exhaust vent. Make sure dryer is level.

E. Check operation



1. Check that you:

- ✓ did not skip any steps.
- ✓ installed all parts.
- ✓ properly installed dryer legs.
- ✓ leveled dryer.
- ✓ have secured all exhaust vent joints with 4" clamps.
- ✓ have all the tools you started with.

2. Plug power supply cord into grounded outlet or connect direct wire to power supply. Turn power supply on.

3. Read the Use and Care Guide to fully understand your new dryer. Select a full heat cycle (not the air cycle) and start dryer. After five minutes, open dryer door. You should feel heat inside dryer.

If dryer does not operate properly, check the following:

- ✓ electrical supply is connected.
- ✓ house fuse is intact and tight; or circuit breaker has not tripped.
- ✓ dryer door is closed.
- ✓ controls are set in a running or "On" position.
- ✓ start button has been pushed firmly.

If dryer makes an unusual noise, check that the dryer is level.