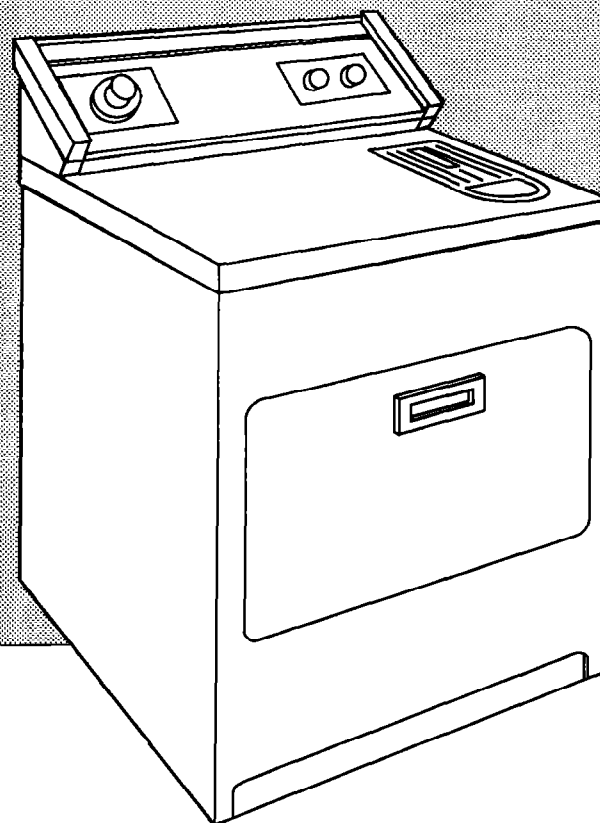


Installation Instructions



Part No. 3397611 Rev. B

IMPORTANT:
Read and save
these instructions.

Electric Dryer

IMPORTANT:

Installer: Leave Installation Instructions with the homeowner.

Homeowner: Keep Installation Instructions for future reference.

Save Installation Instructions for local electrical inspector's use.

Before you start...

Check location where dryer will be installed. Proper installation is your responsibility. The dryer must not be installed or stored in an area where it will be exposed to water and/or weather. Make sure you have everything necessary for correct installation.

Grounded electrical supply is required. See "Electrical requirements," Panels A and B.

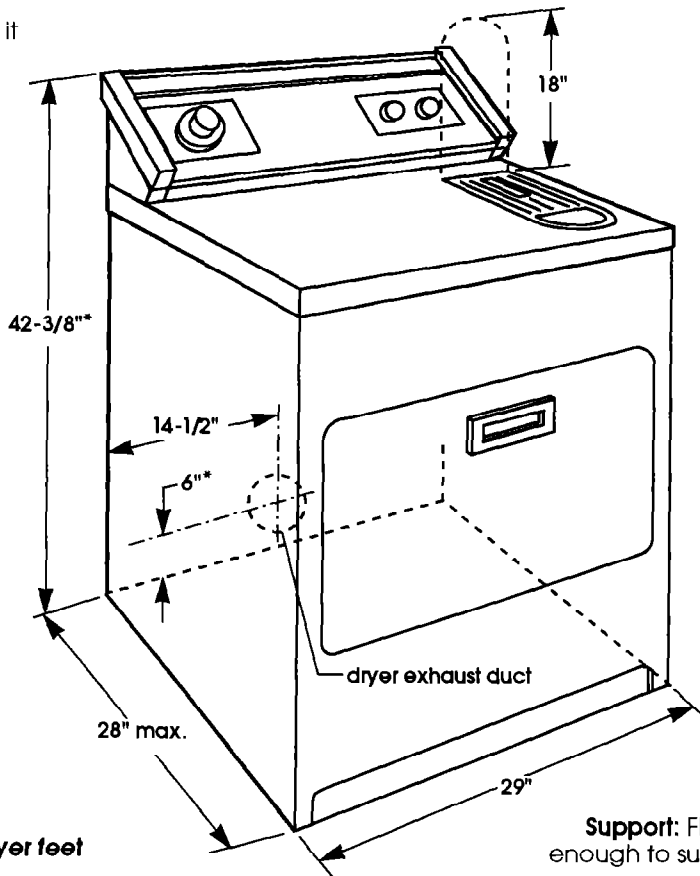
Check code requirements: Some codes limit or Do Not permit installation of clothes dryers in garages, closets, mobile homes, or sleeping quarters. Contact your local building inspector.

Protection from the weather: Proper operation of dryer cycles requires temperatures above 45°F, or the dryer may not shut off when automatic cycles are used.

Level floor: 1-inch maximum slope under entire dryer.

* from floor with dryer feet extended 1 inch

Important: Observe all governing codes and ordinances.



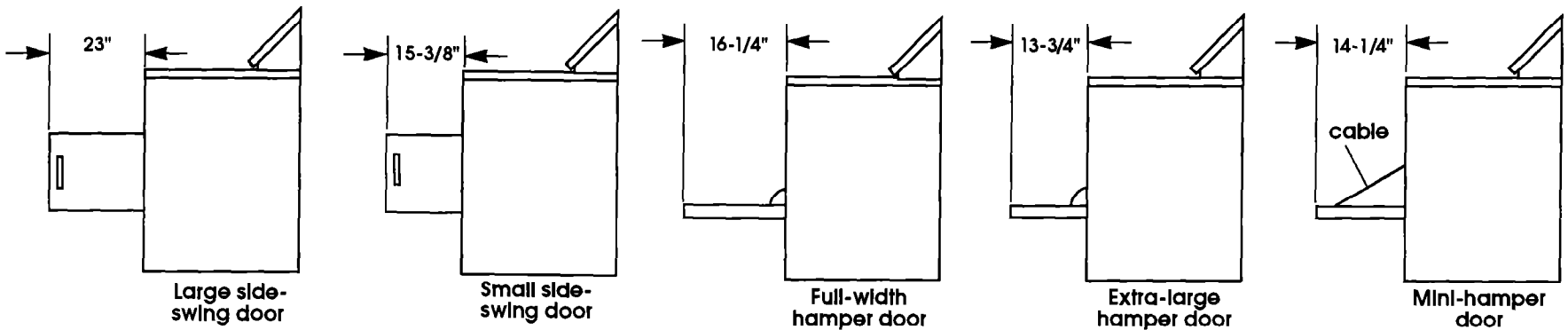
Four-inch metal exhaust duct is required.

Open dryer and remove literature and parts packages.

Support: Floor must be sturdy enough to support dryer weight of 175 pounds.

Dryer door clearances

Location must be large enough to fully open dryer door. See Panel E for recessed and closet requirements.

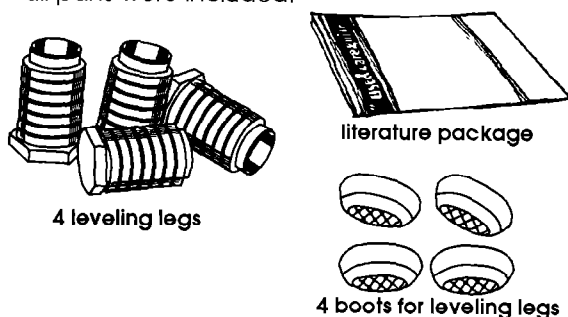


Tools and materials needed for installation:




Parts supplied for installation:

Remove parts from packages. Check that all parts were included.



Electrical requirements

⚠ WARNING



Electrical Shock Hazard
Electrical ground is required on this dryer.

Do Not ground to a gas pipe.

Do Not change the power supply cord plug. If it does not fit the outlet, have a proper outlet installed by a qualified electrician.

Do Not have a fuse in the neutral or grounding circuit. A fuse in the neutral or grounding circuit could result in an electrical shock.

Do Not use an extension cord with this dryer.

Check with a qualified electrician to be sure dryer is properly grounded.

Do Not connect plug end of power supply cord into a live receptacle before connecting power supply cord to dryer terminal block.

Do Not reuse old power supply cord.

Failure to follow these instructions could result in death or serious injury.

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

⚠ WARNING



Electrical Shock Hazard

It is the customer's responsibility: To contact a qualified electrical installer.

To assure that the electrical installation is adequate and in conformance with National Electrical Code, ANSI/NFPA 70 — latest edition*, and all local codes and ordinances.

Failure to follow these instructions could result in death or serious injury.

⚠ WARNING



Fire Hazard

Do Not store gasoline, paint thinners, or other flammable materials near dryer. Fumes from such materials may result in fire or explosion.

Never install dryer up against draperies or curtains or on carpet.

Keep any and all items from falling or collecting behind the dryer.

If you install the dryer in a garage, carport, or areas near vehicles where fumes from gasoline or other flammable materials may be present, the vapors may be heavier than air and remain near floor. Place dryer a minimum of 18 inches above floor. Check with your building inspector regarding requirements for this installation.

Failure to follow these instructions could result in fire or explosion.

A three-wire or four-wire, single phase 120/240-volt, 60-Hz, AC-only, electrical supply (or three-wire or four-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.

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.

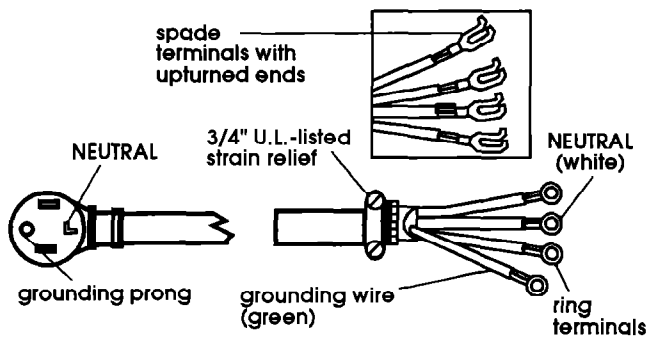
Copies of the standards listed above may be obtained from:

* National Fire Protection Association
Batterymarch Park
Quincy, Massachusetts 02269

Important: Observe all governing codes and ordinances.

Power supply cord

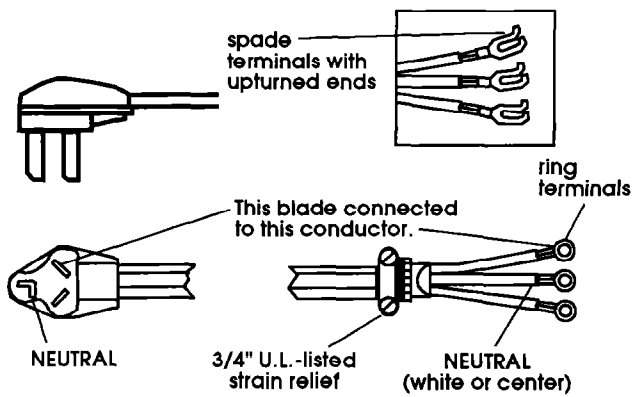
Local codes may permit the use of a U.L.-listed, 120/240-volt minimum, 30-ampere, dryer power supply cord kit (pigtail). Power supply cord should be Type SRD or SRDT and be at least four feet long. The wires that connect to the dryer must end with ring terminals or spade terminals with upturned ends. A 3/4", U.L.-listed strain relief must be installed where the power supply cord connects to the dryer (see Figures 1 and 2).



Four-wire power supply cord
(Mobile home or other four-wire installations)

NEMA 14-30P

Figure 1



Three-wire power supply cord
NEMA 10-30P

Figure 2

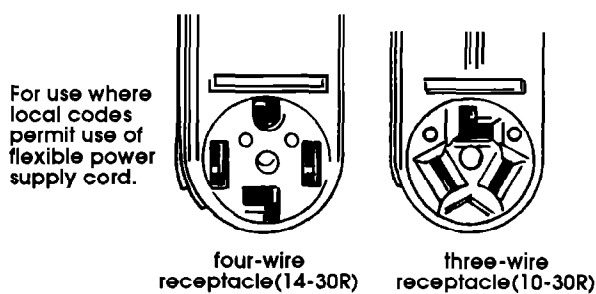


Figure 3

Figure 4

Four-wire Installation is recommended (required for mobile homes): The power supply cord must have four, No.-10 copper wires and match a four-wire receptacle of NEMA Type 14-30R (see Figure 3). The fourth wire (grounding conductor) must be identified with a green cover and the neutral conductor by a white cover.

Three-wire Installation (if a four-wire system is not available): The power supply cord must have three, No.-10 copper wires to match a three-wire receptacle of NEMA Type 10-30R (see Figure 4).

Direct wire

The dryer can be connected directly to fused disconnect or circuit breaker box with four-wire or three-wire flexible armored or non-metallic sheathed copper cable (with grounding wire). Do Not use two-wire with bare grounding wire. All current-carrying wires must be insulated.

A conduit connector must be installed at junction box. **USE ONLY 10-GAUGE SOLID COPPER WIRE. DO NOT USE ALUMINUM WIRE.** Allow four feet of slack in the line so dryer can be moved if servicing is ever necessary.

Panel B

Electrical connection

WARNING



Electrical Shock Hazard

Check that wiring you are using matches colors shown in illustrations and specified in instruction steps. If wiring does Not match, it is your responsibility to have a qualified electrician install the correct wiring.

Failure to install the correct wiring could result in death or serious injury.

This dryer is manufactured with the frame-grounding 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.

A.

Four-wire connection...

POWER SUPPLY CORD

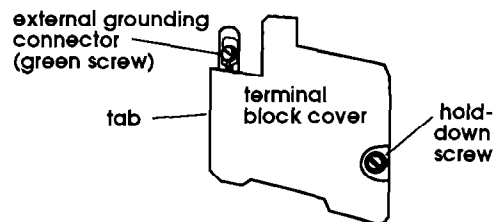


Figure 5

1. Disconnect the power supply.
2. Remove the hold-down screw and terminal block cover.
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 through the strain relief (Figure 6).

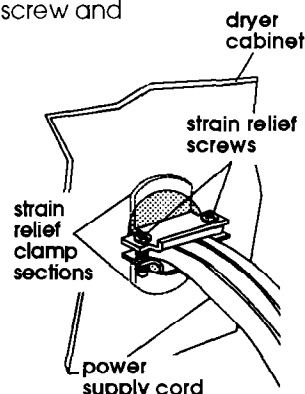


Figure 6

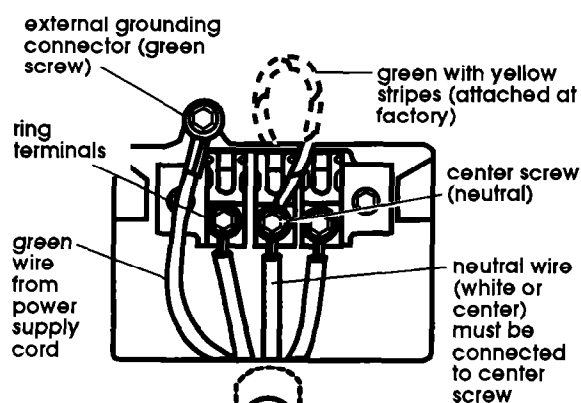
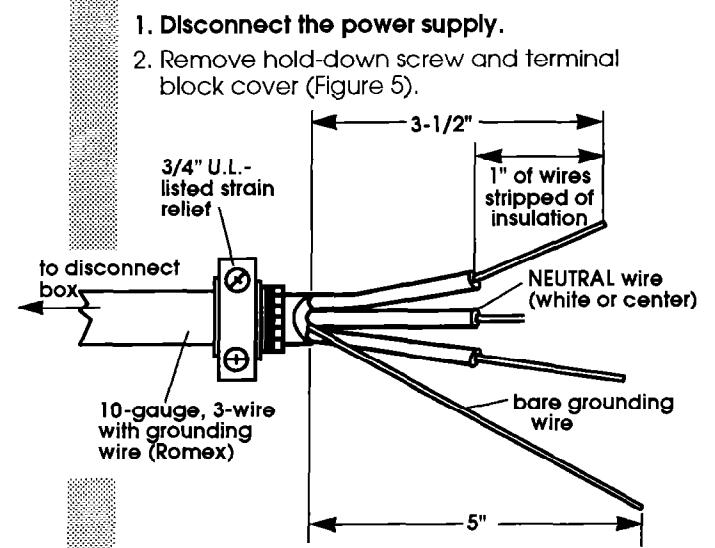


Figure 7

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

DIRECT WIRE



Direct wire preparation

Figure 8

3. Strip 5 inches of outer covering from end of cable. Leave bare grounding wire at 5 inches. Cut 1-1/2 inches from 3 remaining insulated wires. Strip insulation back 1 inch (Figure 8).



Figure 9

Shape the end of each wire into a "U" shaped hook (Figure 9). The bare grounding wire must be 4-1/2" long after forming the hook.

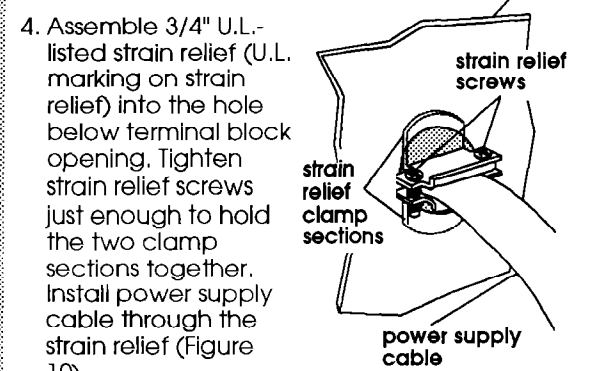


Figure 10

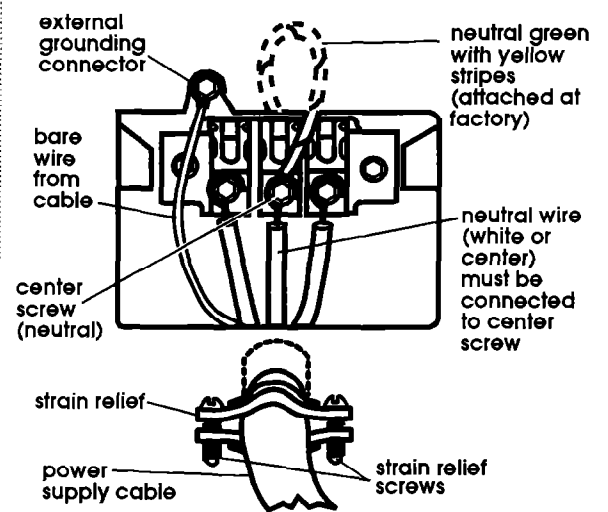


Figure 11

5. Remove the center terminal block screw. Remove the appliance harness grounding wire (green with yellow stripes) from the external grounding connector screw and fasten under center, silver-colored terminal block screw.
6. Connect the neutral wire (white or center) of direct wire cable under the center screw of terminal block. Place the hook-shaped end of the wire over the terminal block screw with open side of the hook facing to the right. Squeeze hook end of wire together. Connect the other wires under outer terminal block screws using the same method.
7. Connect the power supply cable (bare) grounding wire to the external grounding conductor screw (Figure 11).
8. Tighten all terminal block screws firmly. Tighten strain relief screws.
9. Insert tab of terminal block cover into slot of the dryer rear panel (Figure 5). Secure cover with hold-down screw.

B.

Three-wire connection...

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

POWER SUPPLY CORD

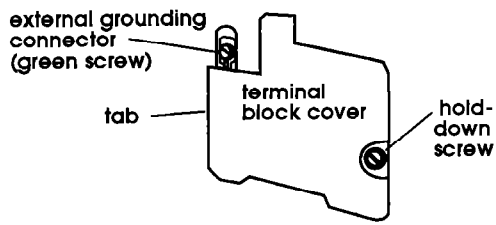


Figure 12

1. Disconnect the power supply.
2. Remove hold-down screws and terminal block cover.

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 through the strain relief (Figure 13).

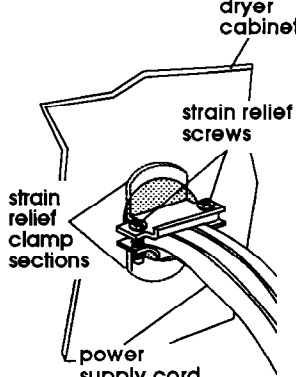


Figure 13

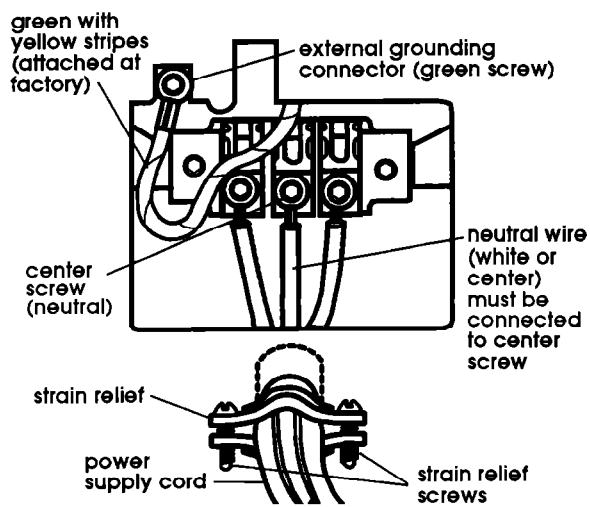


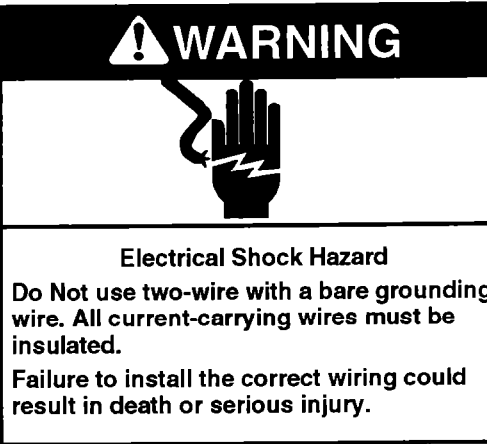
Figure 14

4. Loosen or remove terminal block screws. Connect the neutral wire (white or center) of the power supply cord to the center, silver-colored terminal screw of the terminal block. Connect the other wires to the outer terminals. Tighten screws firmly (Figure 14).
5. Tighten all terminal block screws firmly. Tighten strain relief screws.
6. Insert tab of terminal block cover into slot of the dryer rear panel (Figure 12). Secure cover with hold-down screw.

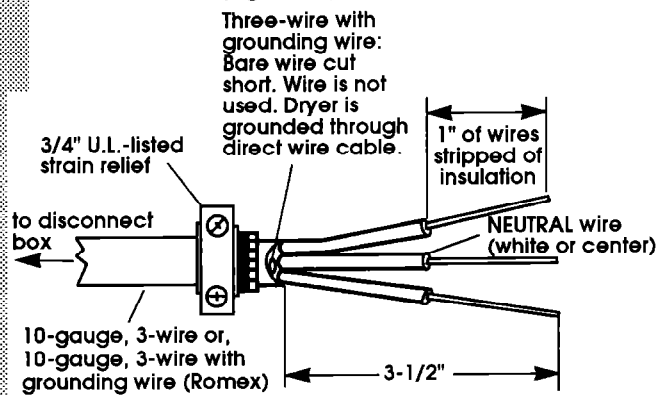
Where local codes permit connecting cabinet-grounding conductor to the neutral wire of the power supply cable:

DIRECT WIRE

1. Disconnect the power supply.



2. Remove hold-down screw and terminal block cover (Figure 12).



Direct wire preparation
Figure 15

3. Strip 3-1/2 inches of outer covering from end of cable. If using three-wire cable with grounding wire, cut the bare wire even with outer covering. Strip 1 inch of insulation from the end of each insulated wire (Figure 15).



Figure 16

Shape the end of each wire into a "U" shaped hook (Figure 16).

4. 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 copper, 3-wire power supply cable through the strain relief (Figure 17).

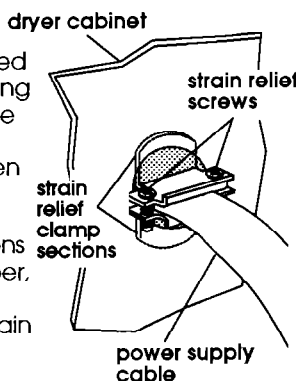


Figure 17

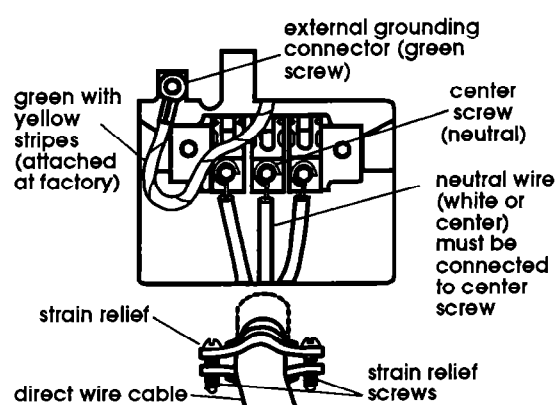


Figure 18

5. Loosen or remove terminal block screws. Connect the neutral wire (white or center) of direct wire cable under the center screw of the terminal block. Place the hook-shaped end of the wire over the terminal block screw with open side of the hook facing to the right. Squeeze hook end of wire together.
6. Connect the other wires to the outer terminals using the same method (Figure 18).
7. Tighten all terminal block screws firmly. Tighten strain relief screws.
8. Insert tab of terminal block cover into slot of the dryer rear panel (Figure 12). Secure cover with hold-down screw.

Where local codes DO NOT permit connecting the cabinet-grounding conductor to the neutral (white) wire:

POWER SUPPLY CORD OR DIRECT WIRE

1. Disconnect the power supply.

2. Remove hold-down screw and terminal block cover (Figure 12).

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 copper power supply cord or cable through strain relief (Figure 19).

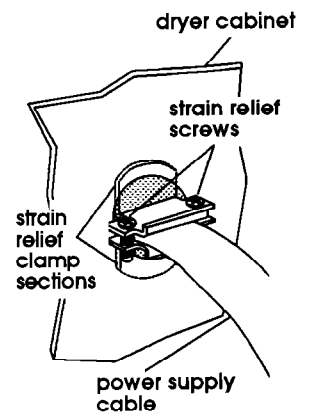


Figure 19

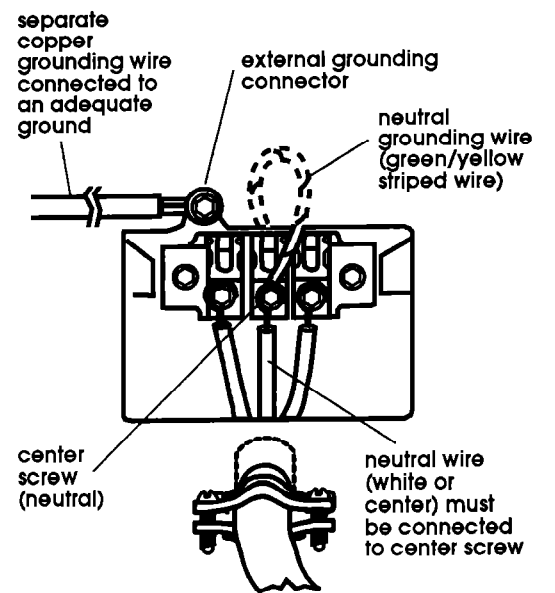


Figure 20

4. Remove the appliance harness grounding wire (green with yellow stripes) from the external grounding connector screw.
5. Connect the grounding wire (green with yellow stripes) and the neutral (white) wire of the power supply cord or direct wire cable to the center, silver-colored terminal screw of the terminal block. Connect the other wires to the outer terminals. Tighten screws (see Figure 20).
6. Tighten all terminal block screws firmly. Tighten strain relief screws.
7. Insert tab of terminal block cover into slot of the dryer rear panel (Figure 12). Secure cover with hold-down screw.

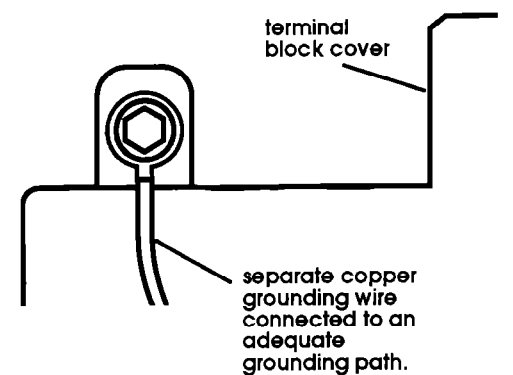


Figure 21

8. After reattaching the terminal block cover, connect separate copper grounding wire from external grounding connector to an adequate ground (Figure 21). If codes permit and a separate grounding wire is used, it is recommended that a qualified electrician determine that the grounding path is adequate.

Exhaust requirements

WARNING



Fire Hazard

Do Not use non-metal, flexible duct.
Do Not use metal duct smaller than four inches in diameter.
Do Not use exhaust hoods with magnetic latches.
Check that exhaust system is not longer than specified. Exhaust systems longer than specified will:

- Accumulate lint.
- Shorten the life of the dryer.
- Reduce performance, resulting in longer drying times and increased energy usage.

Failure to follow these instructions could result in a fire.

Do Not exhaust dryer into a chimney, furnace cold air duct, attic or crawl space, or any other duct used for venting.
Clean the exhaust system every other year.

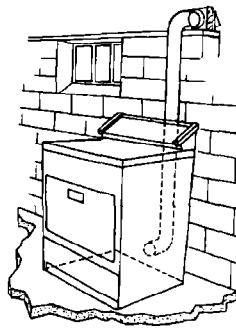
Do Not install flexible duct in enclosed walls, ceilings or floors.
Accumulated lint could be fuel for a fire or cause moisture damage.

Exhausting your dryer indoors is Not recommended. The moisture and lint indoors may cause:

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

Failure to follow these instructions could result in fire.

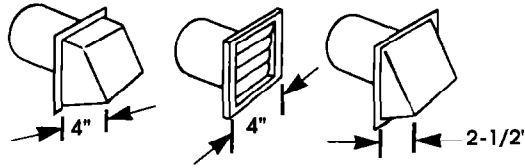
Exhaust outlet is located at the center of the bottom rear of dryer.



The **exhaust duct** can be routed up, down, left, right or straight out the back of the dryer. General space requirements are provided on Panel E. Use the straightest path you can to avoid 90° turns.

Maximum length of the exhaust system depends upon:

- The type of duct used.
- If a combination of rigid and flexible duct is used.
- Number of elbows.



The same length of duct can be used with any of the three exhaust hoods shown.

Exhaust duct length charts list lengths by type of duct to be used. Use the chart that matches your duct type.

When you use only one type of metal duct...

1. Determine the number of elbows you will need.
2. In the column listing the type of metal duct you are using, find the maximum length of metal duct on the same line as the number of elbows.

Maximum length of Rigid metal duct OR fully extended Flexible metal duct		
① Number of 90° elbows	② 4" dia. rigid metal duct	② 4" dia. flexible metal duct
0	115 ft	38 ft
1	105 ft	35 ft
2	95 ft	32 ft
3	85 ft	28 ft
4	75 ft	25 ft
5	65 ft	22 ft

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

When you use a combination of rigid and flexible metal duct...

1. Determine the number of elbows you will need.
2. Determine the length of **Flexible** metal duct you will use. Find the column that has the nearest number of feet to what you will be using.
3. In the shaded area of that column find the maximum length of **Rigid** metal duct on the same line as the number of elbows.

Maximum length of fully extended Flexible and Rigid metal duct							
① Number of 90° elbows	② Length of Flexible metal duct	③					
		0'	1-5'	6-10'	11-15'	16-20'	21-25'
① 0	115 ft	100 ft	85 ft	70 ft	50 ft	40 ft	③ length of Rigid metal duct
1	105 ft	90 ft	75 ft	60 ft	45 ft	30 ft	
2	95 ft	80 ft	65 ft	50 ft	35 ft	20 ft	
3	85 ft	70 ft	55 ft	40 ft	25 ft	10 ft	
4	75 ft	60 ft	45 ft	30 ft	15 ft	0 ft	
5	65 ft	50 ft	35 ft	20 ft	5 ft	0 ft	

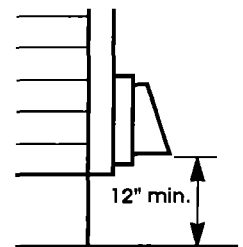
- Example:**
1. You need to use 2 elbows.
 2. You will use 5 ft **Flexible** metal duct.
 3. The maximum length of **Rigid** metal duct you can use is 80 ft.

For **exhaust systems** not covered by the exhaust length chart, see Service Manual, Part No. 603197, available from your authorized parts distributor.

Service check: The back pressure in any exhaust system used must not exceed 0.9 inches of water column measured with an inclined manometer at the point that the exhaust duct connects to the dryer.

Exhausting the dryer outside is recommended. A closet installation **must be exhausted outside**. Recessed installation that is not exhausted outside must use Exhaust Deflector Part No. 3391278 available from your dealer. See "Recessed and closet installation instructions", Panel E, for adequate unobstructed air opening requirements.

If the dryer is installed in a confined area such as a closet, it must be exhausted to the outside. Check governing codes and ordinances. Also refer to the "Recessed and closet installation instructions," Panel E.

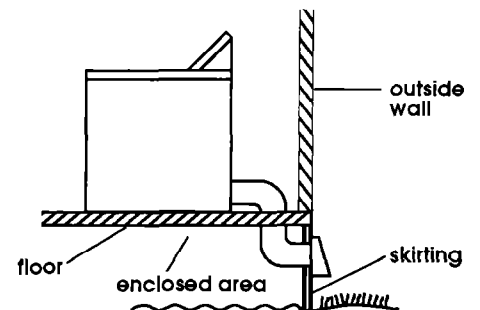


An **exhaust hood** should cap the exhaust duct to prevent exhausted air from returning into dryer. The outlet of the hood must be at least 12 inches from the ground or any object that may be in the path of the exhaust.

Four-inch outlet exhaust hood is preferred. However, a 2-1/2-inch outlet exhaust hood may be used.

Mobile home installation

This appliance is suitable for mobile home installations. The installation of the dryer must conform to the 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).



Mobile home exhaust requirements:

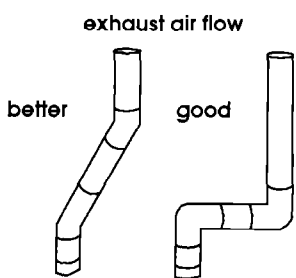
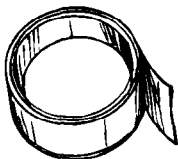
The dryer **must** have an outside exhaust. If the dryer is exhausted through the floor and the area under the mobile home is enclosed, the exhaust system **must** terminate outside the enclosed area. Extension beyond the enclosure will prevent lint and moisture buildup under the mobile home.

If using an existing exhaust system, clean lint from entire length of exhaust system. Make sure exhaust hood is not plugged with lint.

The exhaust system should be inspected and cleaned yearly.

Replace any vinyl or metallized plastic foil exhaust duct with rigid metal or flexible metal duct.

Use duct tape to seal all joints. Do Not use screws to secure duct.



Four-inch rigid metal duct is preferred. Plan installation to use the fewest number of elbows and turns.

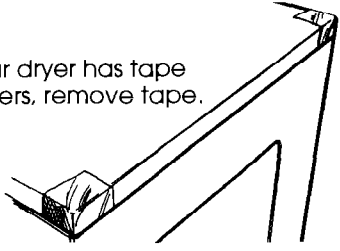
Metal flexible duct must be fully extended and supported when the dryer is in its final position. **DO NOT KINK OR CRUSH THE DUCT. The metal flexible duct must be completely open to allow adequate exhaust air to flow.**

Allow as much room as possible when using elbows or making turns. Bend duct gradually to avoid kinking. Remove excess flexible duct to avoid sagging and kinking that may result in reduced air flow.

Now start... with dryer in laundry area.

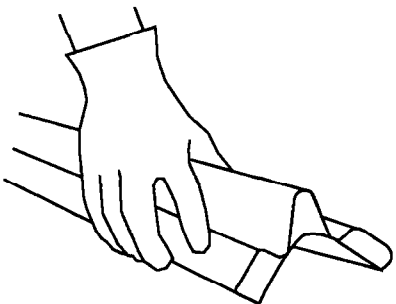
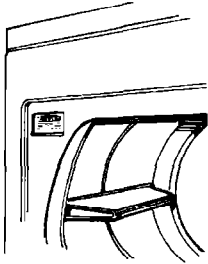
1. Put on safety glasses and gloves.

2. If your dryer has tape at front corners, remove tape.



3. If your dryer has tape on the door, remove tape, open door and remove the rest of the tape from dryer drum. Remove drying rack, if your dryer has one. Remove parts from packages. Check that all four leveling legs and four boots were included (see Panel A).

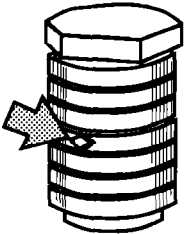
4. If your dryer drum was taped, move drum counterclockwise to make sure all tape was removed. Wipe the interior of the drum thoroughly with a damp cloth to remove any dust before using the dryer.



5. Take two of the cardboard corners from the carton and place them on the floor in back of the dryer.

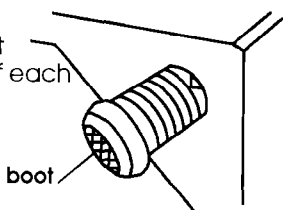
6. Firmly grasp the body of the dryer and gently lay it on its back on the cardboard corners.

7. With one of the legs in hand, check the ridges for a diamond marking. That's how far the leg is supposed to go into the hole.



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

9. Slide a boot over the bottom of each of the four legs.

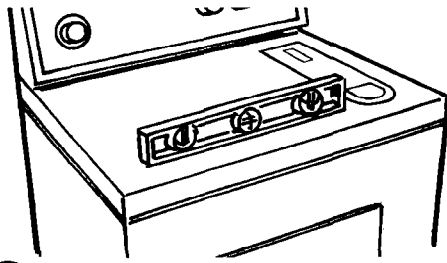


Slide dryer onto cardboard or hardboard before moving across floor.

10. Now stand the dryer up. Slide dryer onto cardboard or hardboard. Remove tape from lint collector lid.

11. Make electrical connection (see "Electrical requirements" and "Electrical connection," Panels A-C).

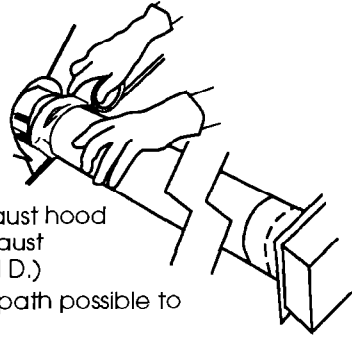
Panel E



12. Move the dryer close to its permanent location, but leave enough room to connect exhaust duct. Remove cardboard or hardboard from under dryer. Check levelness of dryer by placing level on top of the dryer, first side to side, then front to back.

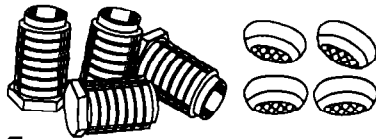
If dryer is not level, adjust the legs of the dryer up or down. If legs are not long enough to level dryer, order longer legs, Part No. 279810 (two per pack) from your dealer. If the boots are removed to level the legs, be sure to replace the boots. Dryer must be level to reduce noise and prevent drying performance.

13. Connect exhaust duct to exhaust hood and dryer. (See "Exhaust requirements," Panel D.)

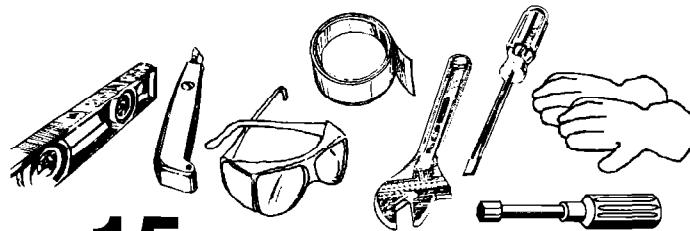


- Use the straightest path possible to avoid 90° turns.
- The exhaust duct **MUST** fit over the dryer exhaust outlet and inside the exhaust hood duct as shown.
- Use duct tape to seal **all** joints in the exhaust system and to secure exhaust duct to dryer exhaust outlet and exhaust hood duct.
- Use caulking compound to seal exterior wall opening around exhaust hood.

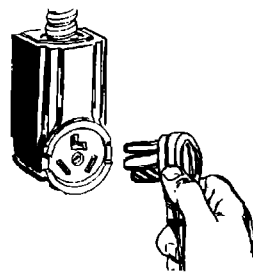
14. Check that all parts you removed from the parts packages are now **installed** in the dryer. If you still have an extra part, go back through the steps to see what you skipped.



15. Check to make sure you have all the tools you started with.



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



17. Carefully slide dryer into its final location. Check to be sure legs were properly installed and dryer is level.

18. Read the Use and Care Guide to fully understand your new dryer. Select a full heat cycle (not the air cycle) and start the dryer. After five minutes, open dryer door. You should feel heat inside the dryer. If you do not feel heat, follow instructions given on back cover, "If dryer does not operate properly."

To get the most efficient use from your new dryer, read your Use and Care Guide. Keep Installation Instructions and Guide close to the dryer for easy reference.

Recessed and closet installation instructions

WARNING



Fire Hazard

If the dryer is installed in a closet, the dryer **MUST** be exhausted outside. Failure to follow this instruction could result in a fire.

To prevent large amounts of lint and moisture from accumulating and to maintain drying efficiency, this dryer must be exhausted outdoors.

The dryer may be installed in a recessed area or closet.

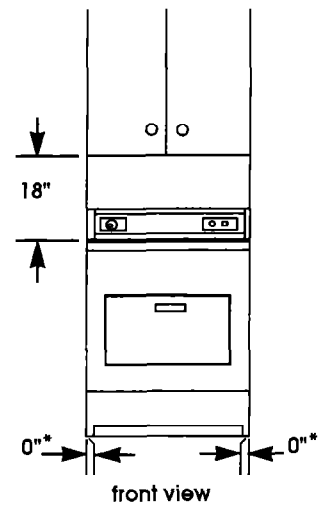
The installation spacing is in inches and is minimum allowable.

Additional spacing should be considered for ease of installation, servicing and compliance with local codes and ordinances.

If closet door is installed, the minimum unobstructed air openings in top and bottom is required. Louvered doors with equivalent air openings are acceptable. Closet installation must be exhausted to the outside. Other installations must use the minimum dimensions indicated. Companion appliance spacing should be considered.

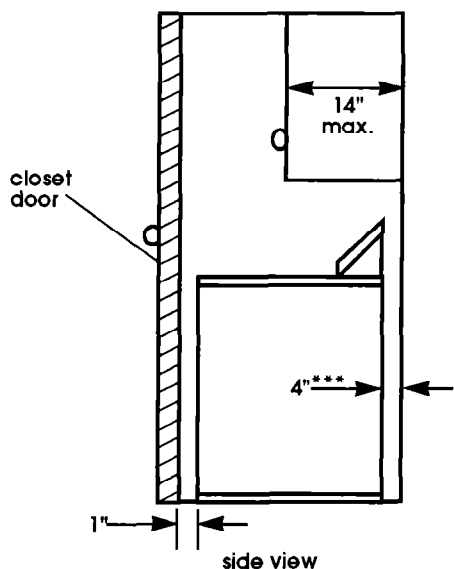
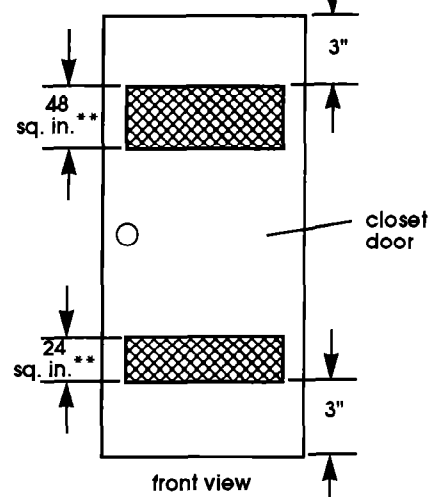
For recessed, non-exhausted installation, Exhaust Deflector Kit, Part No. 3391278, is required.

Recessed Installation



Closet Installation

Closet Installation must be exhausted to the outside.



- * Additional clearances for wall, door and floor moldings may be required.
- ** Opening is minimum for closet door. Louvered door with equivalent air openings is acceptable.
- *** Additional space is needed when external exhaust elbow is used.

If dryer does not operate properly...

If dryer will not operate, check the following to be sure that:

- A. Electrical supply is connected.
- B. House fuse is intact and tight or circuit breaker has not tripped.
- C. Door is closed.
- D. Controls are set in a running or "On" position.
- E. Start button has been pushed firmly.

When moving your dryer ...

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

- Shut off electrical supply to dryer.
- Disconnect power supply cord and tape securely to dryer.
- Tape lint collector lid to dryer top.
- Tape dryer top to cabinet or front panel.
- Tape the dryer door to front panel.
- Screw leveling legs all the way in.

Before having your electric dryer installed in your new home, check with a licensed electrician to confirm that the supply voltage matches the voltage specified on the serial/rating plate.

If you need assistance...

Check your Use and Care Guide for a toll-free number to call, or call the dealer from whom you purchased this appliance. 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 dryer door and on front of opening.