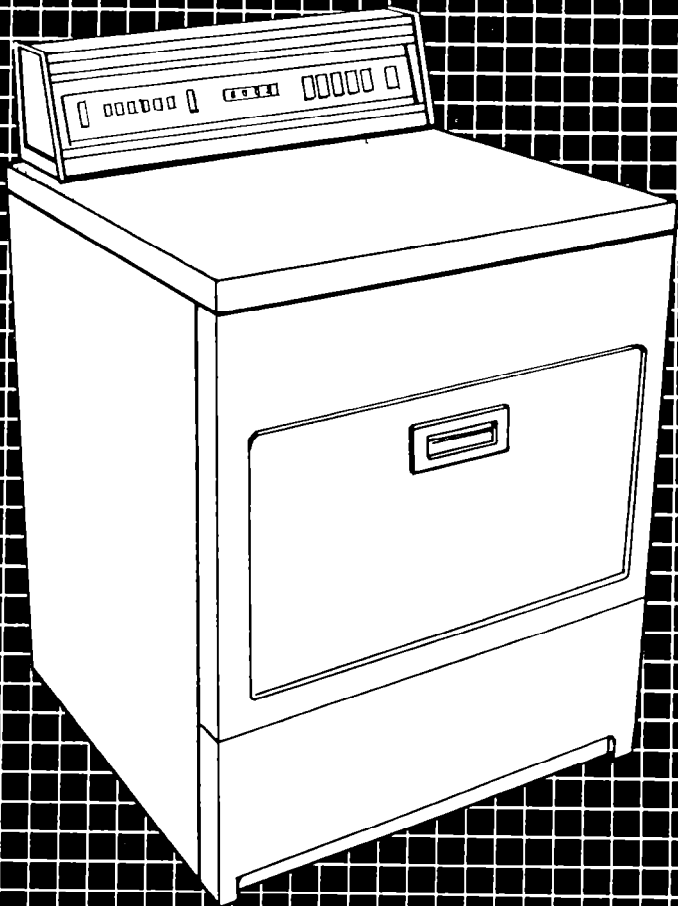


Installation Instructions

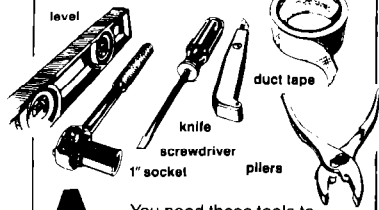


KitchenAid®

**Electric
Dryer**

Before you start...

Mark an X across the letter or number as you complete each step.



A. You need these tools to install your KitchenAid electric dryer. Get them together in one place to keep track of them.

B. Check the spot where you're going to install the dryer... proper installation is your responsibility.

C. Make sure you have everything necessary for proper installation. You'll need:

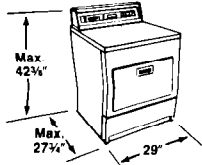
- To meet **code requirements**: some codes keep from or limit installation of clothes dryers in garages, closets, mobile homes and sleeping quarters. (Check with your local building inspector.)

Important: observe all governing codes and ordinances.

- To check **utilities**: proper connection to electric supply should be available.
- To check **exhaust requirements**: a four inch metal exhaust duct is required.

LOCATION

Size: Must be large enough to fully open dryer door. For recessed or closet installation spacing see Panel B.



Support: The floor must be able to support the appliance weight of 175 pounds.

Level Floor: Maximum floor slope under dryer - 1 inch.

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.

WARNING: Potential Fire Hazard

- It is the personal responsibility of the customer to ensure that gasoline, paint, thinners and other flammable materials are not used or stored near the dryer. Fumes from these materials could result in fire or explosion.
- Never** install the dryer up against draperies or curtains and be sure to keep any and all items from falling or collecting behind the dryer.
- Replace all access or service panels before operating dryer.

Electrical requirements

- A three-wire, single phase, 120/240-volt, 60-Hz, AC only, electrical supply (or three-wire, 120/208-volt if specified on nameplate) is required on a separate, 30-ampere circuit, fused on both sides of the line. (Time-delay fuse or circuit breaker is recommended.) Do Not have a fuse in the neutral or ground circuit.

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

Typical 30-ampere receptacle for use where local codes permit use of flexible

power supply cord (pigtail).

- THE DRYER **MUST BE CONNECTED WITH 10-GAUGE COPPER WIRE ONLY.** Aluminum wire must not be used to avoid potentially unsatisfactory connections.



Figure 1

- Local codes may permit the use of a U.L.-listed, 120/240-volt minimum, 30-ampere, dryer power supply cord kit (pigtail). This cord contains three, No. 10 copper wires and matches a three-wire receptacle of NEMA Type 10-30R shown in Figure 1. Connectors on the dryer end must be ring terminals or spade terminals with upturned ends. A 3/4", U.L.-listed strain relief must be provided at the point the power supply cord enters the appliance.

WARNING: Electrical Shock Hazard.

- Improper connection of the equipment-grounding conductor can result in electrical shock.
- Use a new 30 amp power supply cord kit. Possible electrical shock or fire hazard could occur if old power supply is used.
- Do Not plug the power supply cord (pigtail) into a live wall receptacle before connecting the pigtail to the terminal block. Read "Electrical connection," Panel A, for detailed instructions.

- The appliance may be connected directly to the fused disconnect or circuit breaker box through flexible armored or non-metallic sheathed copper cable. Allow two or three feet of slack in the line between the wall and the appliance so that it can be moved if servicing is ever necessary. A 3/4" U.L.-listed strain relief must be provided at each end of the power supply cord (at the appliance and at the junction box). Wire sizes (COPPER WIRE ONLY) and connections must conform with the rating of the appliance (30 amperes). Do Not use an extension cord.

Important: Observe all governing codes and ordinances.

- For mobile home or other four-wire installations, the appliance wiring must be revised. The appliance cabinet must not be connected to the neutral terminal, but must be connected to the grounding wire (green) of the power supply cord. When a four-wire receptacle of NEMA Type 14-30R is used (see Figure 2), a matching 120/240-volt minimum, 30-ampere, U.L. listed dryer power supply cord kit (pigtail) must be used. This cord contains four No. 10 copper conductors with ring terminals, or spade terminals with upturned ends on dryer end, terminating in a NEMA Type 14-30P plug on supply end. The fourth (grounding) conductor must be identified by a green or green/yellow cover and the neutral conductor by a white cover. Cord should be Type SRD or SRDT, with a 3/4", U.L.-listed strain relief, and be at least four feet long. The power supply cord and strain relief are not provided with the dryer.

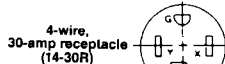


Figure 2

GROUNDING INSTRUCTIONS

This appliance 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 appliance.

Electrical ground is required on this appliance. This appliance is manufactured with the neutral terminal connected to the cabinet.

ELECTRICAL CONNECTIONS

Make sure power supply is turned off.

A. If local codes permit connection of the cabinet grounding conductor to the neutral wire of the power supply cord:

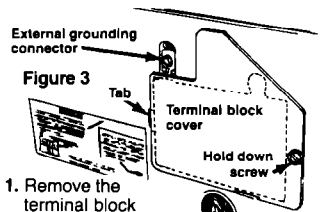


Figure 3

- Remove the terminal block cover by removing the screw shown in Figure 3.

- Attach a 3/4" U.L.-listed strain relief (U.L. marked on it) to the dryer through the power supply cord hole.

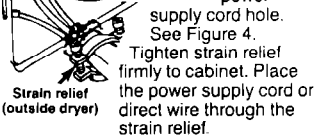


Figure 4

Tighten strain relief firmly to cabinet. Place the power supply cord or direct wire through the strain relief.

Tighten screws on strain relief.

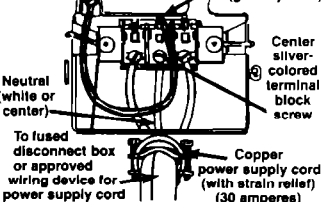


Figure 5

Connect the neutral wire of the power supply cord to the center silver-colored terminal of the terminal block and connect the other wires to the outer terminals. See Figure 5.

- Replace the terminal block cover by first installing the tab of the cover into the slot of the dryer rear panel (see Figure 3). Secure the cover with the mounting screw.

5. Direct wiring connection

- Strip outer covering back 3 inches from the end exposing the 3 wires.
- Strip the insulation back 1 inch from the end of each wire. Form the bare wire into a "U" shaped hook.



Figure 6

- Loosen, do not remove, the center, silver-colored screw of the terminal block.
- Slide the end of the neutral (white or center) wire under the screw head with the open side of the hook on the right. Squeeze the wire together to form a loop.
- Tighten the screw firmly.
- Connect the remaining 2 wires to the outer screws the same way. Tighten screws firmly.

- Tighten strain relief clamp on power supply cord. See Figure 4.

- Replace terminal block cover.

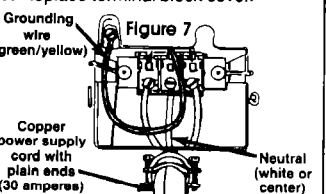
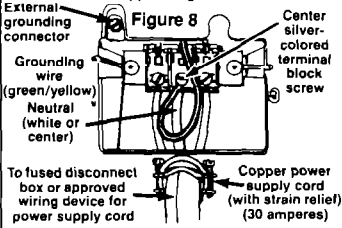


Figure 7

Direct wiring connection

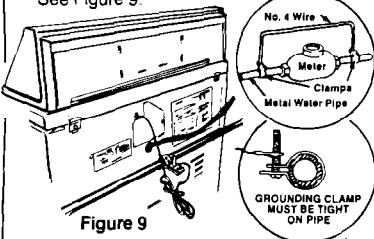
B. If local codes DO NOT permit cabinet grounding to the neutral wire of the power supply cord:

1. Remove terminal block cover.
2. Attach a 3/4" U.L.-listed strain relief (U.L. marked on it) to the dryer through the power supply cord hole. See Figure 4. Tighten strain relief firmly to cabinet. Place the power supply cord or direct wire through the strain relief. Tighten screws on strain relief.
3. Remove the grounding wire (green) from the external grounding connector and fasten under center silver-colored terminal block screw. Connect separate copper grounding wire from external grounding connector to approved ground.



Ungrounded neutral

4. Connect the neutral wire of the power supply cord to the center silver-colored terminal of the terminal block and connect the other wires to the outer terminals. See Figure 8. For connecting plain-end field wire see Figure 6.
5. Connect a separate copper grounding wire (No. 10 minimum) to a grounded cold water pipe* by means of a clamp and then to the frame of the appliance at the external grounding connector. Use Part No. 685463 grounding wire and clamp assembly. **Do not ground to a gas supply pipe or hot water pipe.** Do not connect the power supply cord to electric power supply until appliance is permanently grounded. See Figure 9.



6. Replace terminal block cover.
7. Tighten strain relief clamp on power supply cord. See Figure 4.

C. If connecting to a four-wire electrical system (mobile home):

1. Remove the terminal block cover by removing the screw shown in Figure 3.
2. Attach a 3/4" U.L.-listed strain relief (U.L. marked on it) to the dryer through the power supply cord hole. See Figure 4. Tighten strain relief firmly to cabinet. Place the power supply cord or direct wire through the strain relief. Tighten screws on strain relief.
3. Remove grounding wire (green) from the external grounding connector and fasten under center silver-colored terminal block screw.
4. Connect the grounding wire (green) of the power supply cord to the external grounding connector.
5. Connect the neutral wire (white) of the power supply cord to the center silver-colored terminal of the terminal block and connect the other wires to the outer terminals. See Figure 10. For connecting plain-end field wire, see Figure 6.

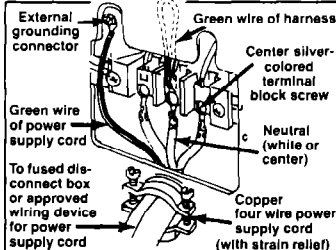


Figure 10
4 wire ungrounded neutral

6. Replace the terminal block cover by first installing the tab of the cover into the slot of the dryer rear panel. See Figure 3. Secure the cover with the mounting screw.
7. Tighten strain relief clamp on power supply cord. See Figure 4.

Exhaust Requirements

WARNING: Potential Fire Hazard

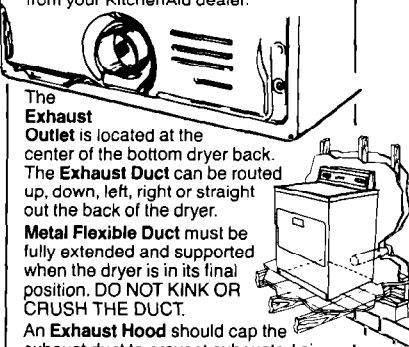
- Metal flexible duct may be used. Do Not use non-metallic flexible duct since it is a potential fire hazard.

For Safety:

- Do not exhaust dryer into a chimney, furnace cold air duct, attic or crawl space, or any other duct used for venting. Accumulated lint could become a fire hazard or moisture could cause damage.
- Clean the exhaust system periodically, at least every 2 years.
- Never install flexible duct concealed in walls, ceiling or under flooring.

Four Inch Metal Exhaust Duct is required.

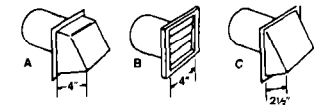
Use Duct Tape to seal all joints. **Exhausting the dryer outside is recommended.** If you cannot exhaust the dryer to the outside, use Exhaust Deflector Kit LCK4000 available from your KitchenAid dealer.



The **Exhaust Outlet** is located at the center of the bottom dryer back. The **Exhaust Duct** can be routed up, down, left, right or straight out the back of the dryer.

Metal Flexible Duct must be fully extended and supported when the dryer is in its final position. **DO NOT KINK OR CRUSH THE DUCT.**

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 anything else that may be in the path of the exhaust. A **2 1/2 inch outlet Exhaust Hood** should be used with short systems only. (This outlet creates greater back pressure than other hood types.) **Exhaust Hoods** with magnetic latches should **not** be used.



NUMBER OF 90° TURNS	EXHAUST HOOD TYPE			MAXIMUM LENGTH OF 4" DIA. RIGID METAL DUCT
	A	B	C	
0	64 FT.	64 FT.	58 FT.	MAXIMUM LENGTH OF 4" DIA. FLEXIBLE METAL DUCT.
1	54 FT.	54 FT.	48 FT.	
2	44 FT.	44 FT.	38 FT.	
3	35 FT.	35 FT.	29 FT.	
4	27 FT.	27 FT.	21 FT.	
0	36 FT.	36 FT.	28 FT.	MAXIMUM LENGTH OF 4" DIA. FLEXIBLE METAL DUCT.
1	31 FT.	31 FT.	23 FT.	
2	27 FT.	27 FT.	19 FT.	
3	25 FT.	25 FT.	17 FT.	
4	23 FT.	23 FT.	15 FT.	

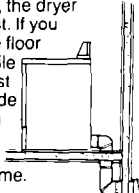
The Maximum length using a 2" x 6" rectangular duct with 2 elbows and a 2 1/2" Exhaust hood is 8 ft.

WARNING: Potential Fire Hazard

- Exhaust Systems** longer than specified will:
- Accumulate lint.
 - Shorten the life of the dryer.
 - Reduce the performance in ways such as causing longer drying times and increasing the use of energy.

The back pressure in any exhaust system used must not exceed 0.6 inches of water column measured with an inclined manometer at the point that the exhaust system connects to the dryer.

For **Mobile Home** installation, the dryer must have an outside exhaust. If you exhaust the dryer through the floor and the area under your mobile home is enclosed, the exhaust system must terminate outside the enclosed area. Extension beyond the enclosure will prevent lint and moisture build-up under the mobile home.



There are **Exhaust Kits** available that allow you to direct filtered exhaust air inside to conserve energy during the winter months. Whirlpool has a Heat-Humidity Saver Part No. 279427 which can be used with Whirlpool dryers providing their use does not violate local codes. If you use one of these kits, be aware that excessive moisture in the home can cause many problems and that you may see an increase in the time required to dry a load. Also, you must regularly clean the filter to avoid excessive lint build-up which can affect the dryer's performance.

Recessed Area Instructions

INSTRUCTIONS FOR RECESSED OR CLOSET INSTALLATIONS

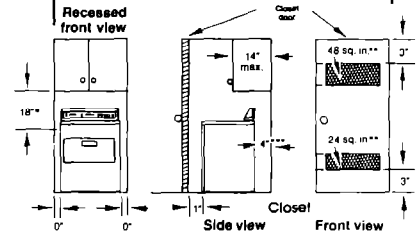
The following installation spacings and door air openings for the dryer are possible when installed and exhausted as noted. (Spacing as indicated is in inches and is minimum allowable. For ease of installation and service, additional spacing should be considered.)

WARNING: Potential Fire Hazard

For closet installation, to reduce the risk of fire this appliance must be exhausted outdoors.

TO PREVENT LARGE AMOUNTS OF LINT AND MOISTURE FROM ACCUMULATING AND TO MAINTAIN DRYING EFFICIENCY, THIS MACHINE MUST BE EXHAUSTED OUTDOORS.

Unobstructed air openings are required for laundry equipment when door is installed. Closet installation must be exhausted. Only recessed installation with no cabinet or shelf above the dryer can be non-exhausted. Non-exhausted recessed installations require an exhaust deflector.

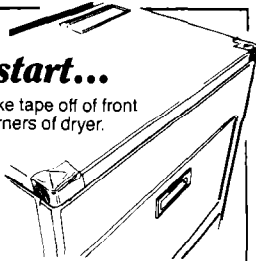


- *Shell or cabinet is not permitted above dryer when non-exhausted.
- **Opening is minimum for closet door. Louvered door with equivalent air openings is acceptable.
- ***4" minimum from dryer cabinet rear panel to wall is required for closet installation or non-exhausted installation.

Companion appliance spacings should be considered. Detailed space requirements can be found on the label located on the back panel of dryer.

Now start...

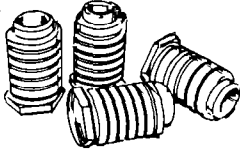
- 1.** Take tape off of front corners of dryer.



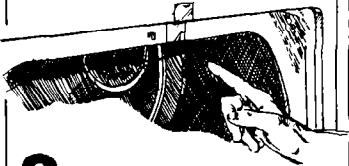
2.

Open dryer and remove the literature and parts packages. Remove all parts from the plastic packages. Line these up next to your tools so each part is there when you need it.

4 legs

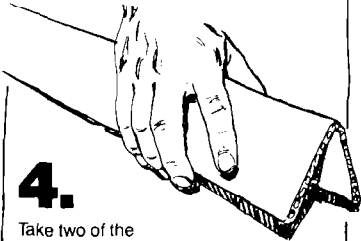


- 3.** Remove the tape that holds the drum to the cabinet. (Some dryer drums are not taped for shipping.) Move the drum by hand to make certain all tape has been removed. Wipe the interior of the drum thoroughly with a damp cloth before using the dryer.



4.

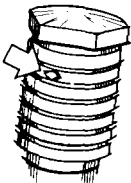
Take two of the cardboard corners from the carton and place them on the floor in back of the dryer.



5.

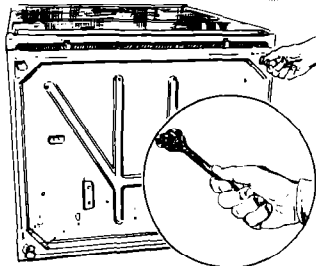
Firmly grasp the body of the dryer and gently lay it on its back on the cardboard corners.

- 6.** 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.

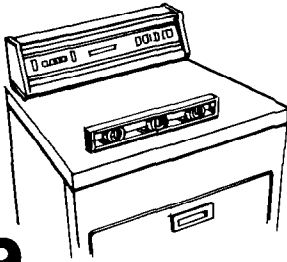


7.

Start to screw the legs into the holes by hand. A little liquid detergent to lubricate the screw will help. Use a 1" wrench or socket to finish turning the legs until you reach the diamond mark.

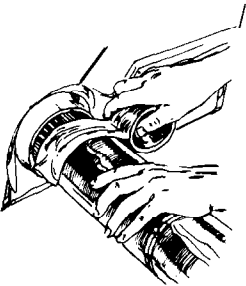


- 8.** Now stand the dryer up.



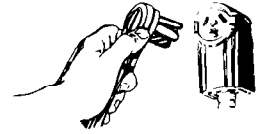
9.

Move the dryer to its permanent location. To make sure the dryer is level, take a carpenter's level and place it on the top of the dryer, first side to side, then front to back. If the dryer is not level, screw the legs of the dryer up or down to adjust.



- 10.** To exhaust the dryer, see Exhaust Requirements. Connect exhaust duct to exhaust hood. Use duct tape to seal all joints in exhaust duct. Use caulking compound to seal exterior wall opening around exhaust hood.

- 11.** Check to see that all of the parts you removed from the installation parts packages in step 2 are now installed in the dryer. If you still have an extra part, go back through the steps to see what you skipped.

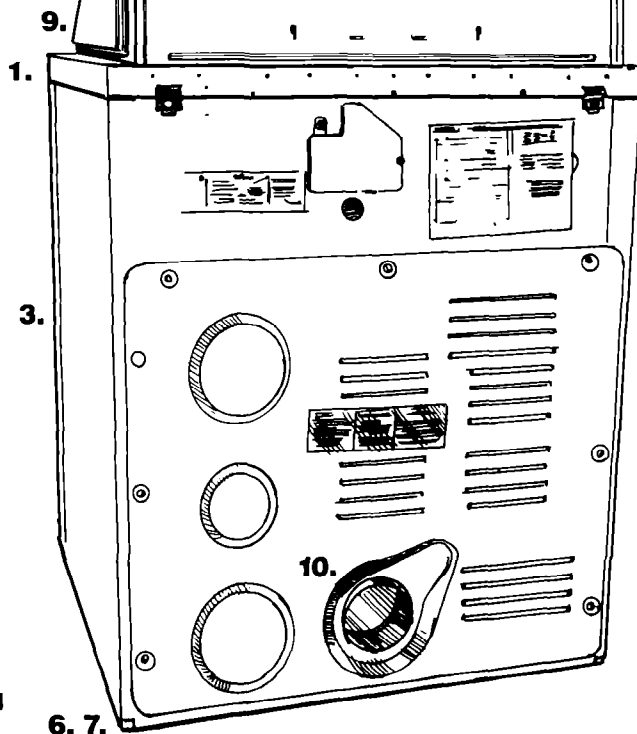


- 12.** Plug the electrical cord into the grounded outlet.

- 13.** Check to make sure you have all the tools you started with in Step A.

Congratulations!

You have just finished installing your new KitchenAid dryer. To get the most efficient use from your dryer, read your KitchenAid Use and Care Guide. Keep Installation Instructions and Guide. The instructions will make reinstalling your KitchenAid dryer in another home as easy as the first installation.



Numbers correspond to steps.

6. 7.

When moving your dryer...

- Shut off electric supply to dryer.
- Disconnect electrical cord and tape securely to dryer.
- Tape the drum to the front panel.
- Tape the dryer door and lint screen.
- 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 nameplate.

Use caution when moving this appliance to prevent damage to floor coverings. Before moving, slide dryer onto cardboard or hardboard to prevent damage.

If dryer does not operate properly...

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

- A. Electric supply is connected.
- B. Fuse is intact and tight.
- C. Door is closed.
- D. Controls are set in a running or "On" position.
- E. Start button has been pushed firmly or the power control level moved upward to start.

KitchenAid®