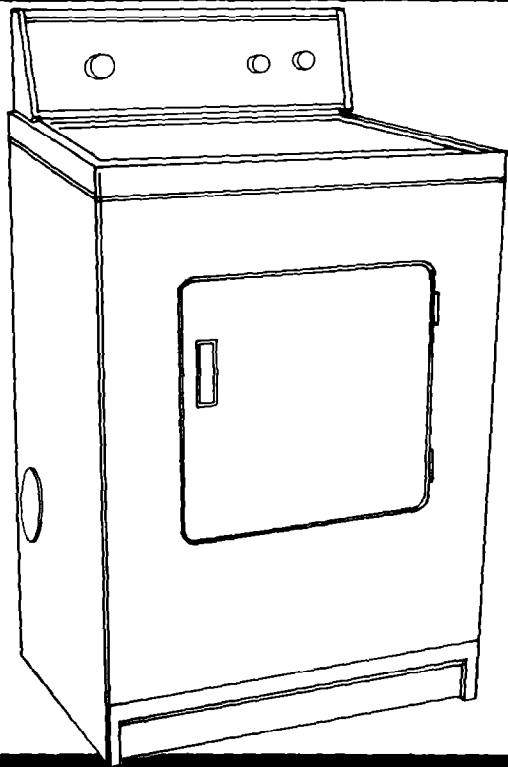


Installation Instructions



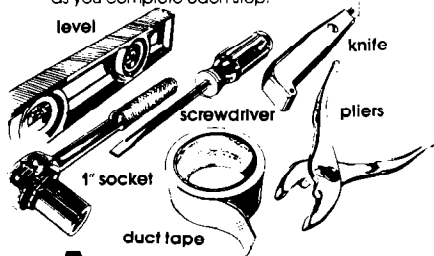
ELECTRIC DRYER

Washers, Clothes Dryers, Freezers, Refrigerator-Freezers, Ice Makers, Dishwashers, Built-In Ovens and Surface Units, Ranges, Microwave Ovens, Compactors, Room Air Conditioners, Dehumidifiers, Automatic Washers, Clothes Dryers, Freezers, Refrigerator-Freezers, Ice Makers, Dishwashers, Built-In Ovens



Before you start...

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



A. You need these tools to install your Whirlpool 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:

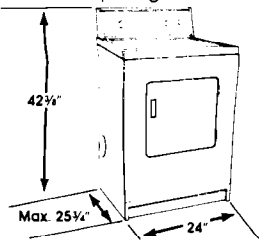
- To meet **code requirements**: some codes keep from or limit installation of clothes dryers in garages, closets, mobile homes and sleeping quarters. (Check with your local building inspector.)

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 150 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

- If 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 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 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 grounding circuit. The dryer wiring panel is located on the back panel.

If 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).

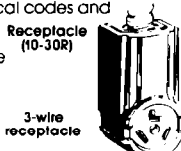


Figure 1

2. THE DRYER MUST BE CONNECTED WITH 10-GAUGE COPPER WIRE ONLY.

- 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 up-turned 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 could occur if old power supply cord 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 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 up-turned 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.

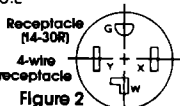


Figure 2

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:

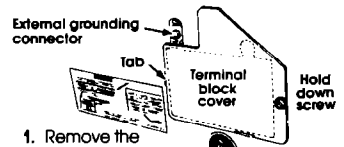
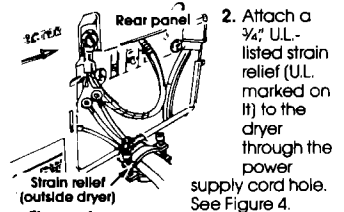


Figure 3

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



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.

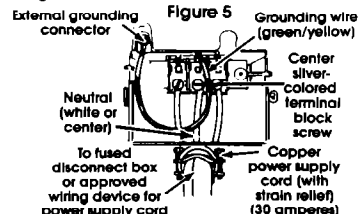


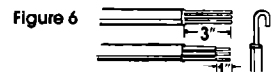
Figure 5

- Connect the neutral wire on 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.



- 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.

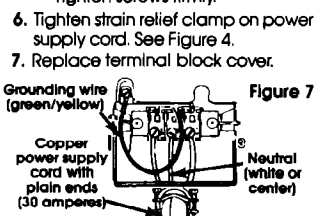


Figure 7

Direct wiring connection

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

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.
3. Remove the grounding wire (green) from the external grounding connector and fasten under center silver-colored terminal block screw. See Figure 7.

Connect separate copper grounding wire from external grounding connector to approved ground

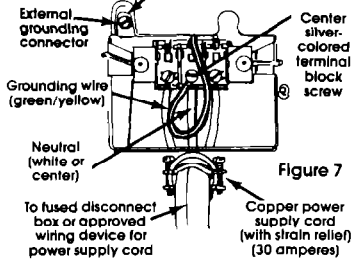


Figure 7

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 7. For connecting plain-end field wires 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 8.

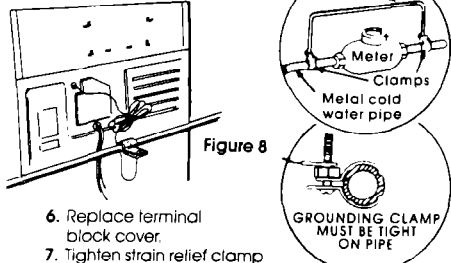


Figure 8

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

*Cold water pipe must have metal continuity to electrical ground and not be interrupted by plastic, rubber or other electrically insulating connectors (including water meter and pump) without adding a jumper wire at these connections.

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.
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 9. For connecting plain-end field wire, see Figure 6.

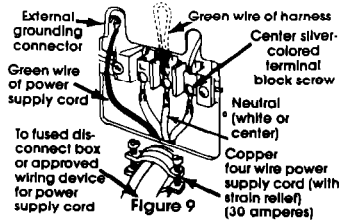


Figure 9

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.

To exhaust through bottom or sides use Kit 693754 available from your Whirlpool dealer.

WARNING: Potential Fire Hazard

To exhaust out the sides or bottom of the dryer, you MUST use Kit 693754. Failure to do so can result in a potential fire hazard.

Exhausting the dryer outside is recommended. If you cannot exhaust the dryer to the outside, use Exhaust Deflector Kit LCK4000, available from your Whirlpool dealer.

The Exhaust Outlet

is located at the bottom center of the dryer back.

The **Exhaust Duct** can be routed up, down, left, right or straight out the back of the dryer. Detailed space requirements can be found in Recessed/Closet Installations, Panel B and on the label on the back panel of 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.

The **Maximum Length** of the exhaust system depends upon the type of duct used, number of elbows and type of exhaust hood. The maximum length for both rigid and flexible duct is shown in chart.

NUMBER OF 90° TURNS	EXHAUST HOOD TYPE			MAXIMUM LENGTH OF 4" DIA. RIGID METAL DUCT.
	A	B	C	
0	43 FT.	41 FT.	36 FT.	
1	33 FT.	31 FT.	26 FT.	
2	23 FT.	21 FT.	16 FT.	
0	30 FT.	29 FT.	24 FT.	MAXIMUM LENGTH OF 4" DIA. FLEXIBLE METAL DUCT.
1	24 FT.	23 FT.	18 FT.	
2	16 FT.	16 FT.	10 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 the energy.

For **Exhaust Systems** not covered by the Exhaust length chart, see Whirlpool Service Manual, Exhausting Whirlpool Dryers, Part No. 603197 available from your Whirlpool parts distributor. The back pressure in any exhaust system used must not exceed .3 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.

Note: Do not use this kit on a dryer installed in a bedroom, bathroom or closet.

Recessed Area Instructions

INSTRUCTIONS FOR RECESSED OR CLOSET INSTALLATIONS

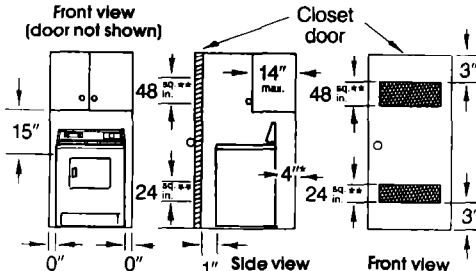
The following installation spacings and door air openings for the dryer are possible when installed and exhausted as noted. (Spacing as indicated is in inches and is minimum allowable. For ease of installation and service, additional spacing should be considered.)

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

WARNING: Potential Fire Hazard

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

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



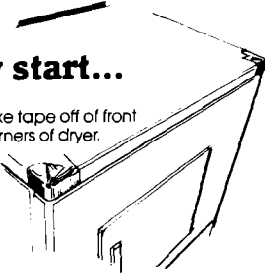
*4" minimum from dryer cabinet rear panel to wall is required for closet installation or non-exhausted installation.

**Opening is minimum for closet door. Lowered door with equivalent air openings is acceptable.

Compartment appliance spacings should be considered. Detailed space requirements are located on the label on the back panel of dryer.

Now start...

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

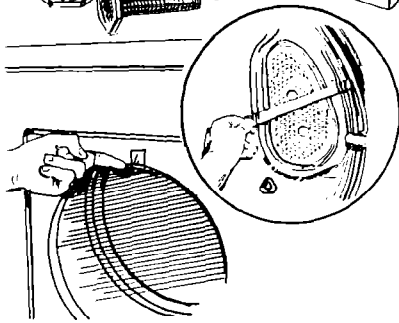


2.

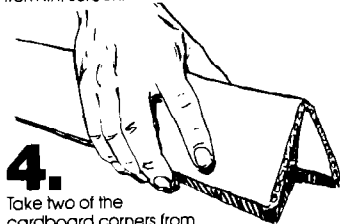
Open dryer and remove the parts packages. (If your dryer has a drying rack it should be removed also.) Remove all parts from the plastic packages. Line these up next to your tools so each part is there when you need it.

Check to see that you have these parts:

4 legs
literature rack
(not included with all models)

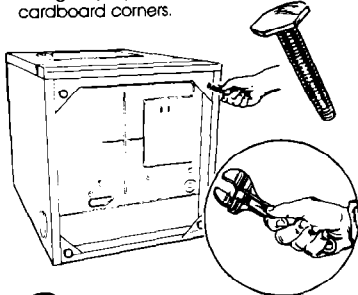


- 3.** Remove the tape that holds the drum to the cabinet. (Some dryer drums are not taped for shipping.) Move the drum by hand to make certain all tape has been removed. Wipe the interior of the drum thoroughly with a damp cloth before using the dryer. Remove tape from lint screen.



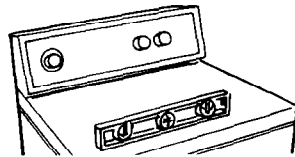
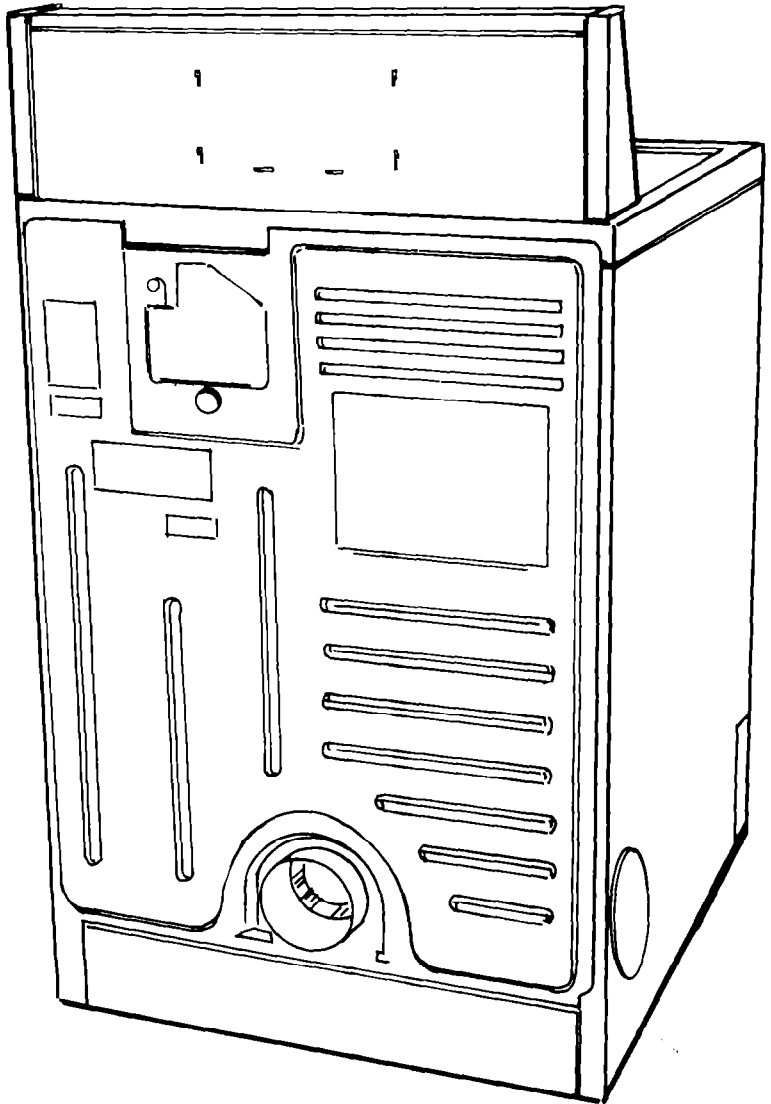
- 4.** Take two of the cardboard corners from the carton and place them on the floor in back of the dryer.

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



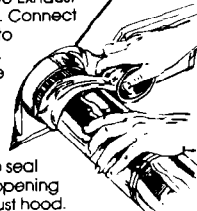
- 6.** Start to screw the legs into the holes by hand. A little liquid detergent to lubricate the screw will help. Use an adjustable wrench to finish turning the legs until you have 1" of the screw threads remaining.

- 7.** Now stand the dryer up.

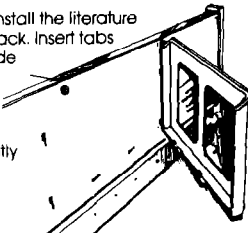


- 8.** Move the dryer to its permanent location. To make sure the dryer is level, take a carpenter's level and place it on the top of the dryer, first side to side, then front to back. If the dryer is not level, screw the legs of the dryer up or down to adjust.

- 9.** 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.

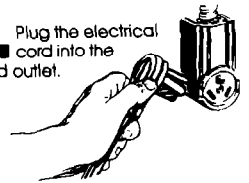


- 10.** Install the literature rack. Insert tabs (2 on each side and 2 on the bottom) into the back of the dryer console. Gently push in and down until all tabs lock in place.



- 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 Whirlpool electric dryer. To make sure you get the most efficient use and greatest enjoyment from your new dryer, read your Whirlpool Operating Instructions. (And be sure to fold these installation instructions and put them in the literature Bac-Pak. They'll make re-installing your Whirlpool dryer in another home as easy as your first installation.)

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 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 floor 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.

During normal business hours, the Whirlpool COOL-LINE® Service will answer any questions about operating or maintaining your dryer not covered in your Operating Instructions. The Whirlpool COOL-LINE® Service number is (800) 253-1301. Dial just as you normally dial long distance – the call is free.

