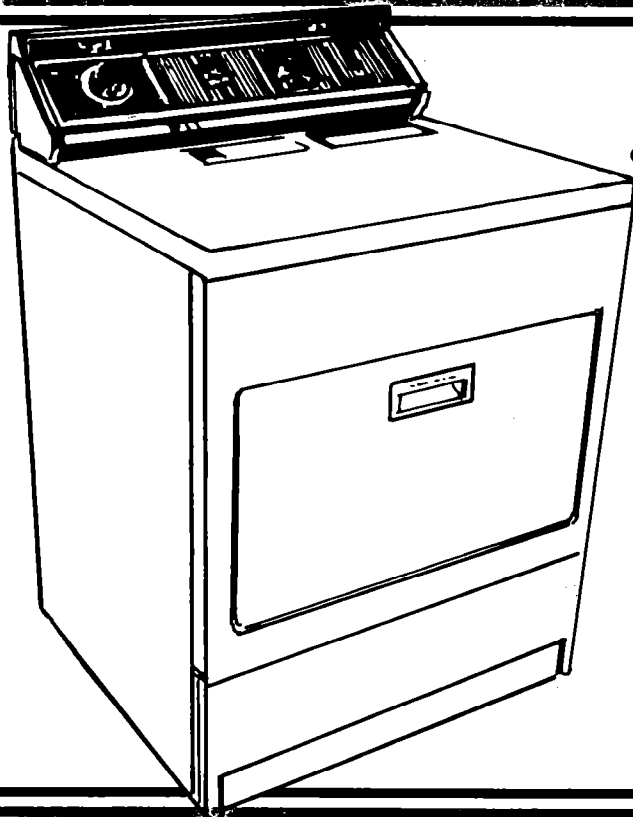


Installation Instructions



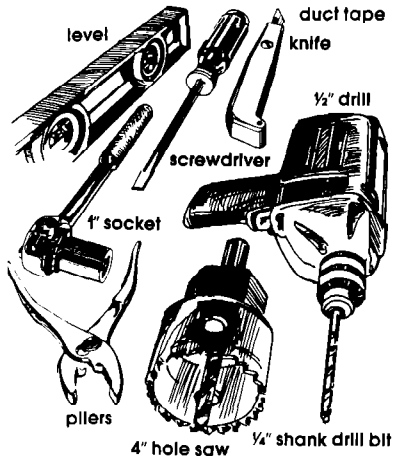
ELECTRIC DRYER

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



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:

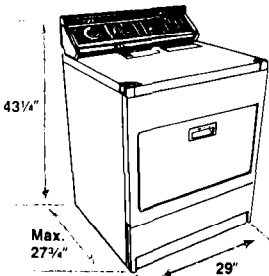
- To meet **code requirements**: some codes keep from or limit installation of clothes dryers in garages, closets, mobile homes and sleeping quarters. (Check with your local building inspector.)

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 recommended.

LOCATION

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



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.

CAUTION:

- 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 fuse neutral.

Typical 30 ampere receptacles for use where local codes permit use of flexible power supply cord (pigtail).

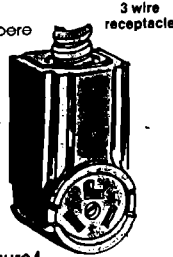


Figure 1

- THE DRYER MUST BE CONNECTED WITH 10 GAUGE COPPER WIRE ONLY. Aluminum wire must not be used to avoid potentially unsatisfactory connections.
- Local codes may permit the use of a flexible type 30 ampere UL listed power supply cord (pigtail) with no smaller than No. 10 copper wire to match three-wire receptacle of NEMA Type 10-30R shown in Figure 1. A UL listed strain relief must be provided at the point the power supply cord enters the appliance.

WARNING: Do not plug the power supply cord (pigtail) into a live wall receptacle before connecting the pigtail to the dryer terminal block.

- 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 UL 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.

- CAUTION:** For mobile home installations, the appliance wiring must be revised. The appliance frame must not be connected to the neutral terminal, but must be connected to the ground wire (green) of the power supply cord.

If four-wire receptacle of NEMA Type 14-30R is used (See Figure 2), a matching UL listed power supply cord (pigtail) for mobile homes must be used. This cord contains four No. 10 copper conductors with spade or ring terminals on dryer end terminating in a NEMA type 14-30P plug on supply end. The fourth (grounding) conductor must be identified by a green cover and the neutral conductor by a white cover. Cord should be Type SRD or SRDT, with UL listed strain relief and be at least 4 feet long. The power supply cord and strain relief are not provided with the dryer.

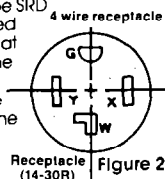


Figure 2

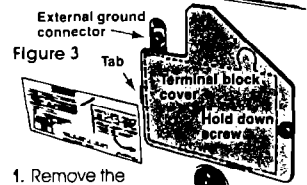
ELECTRICAL CONNECTION

WARNING: Improper connection of the equipment grounding conductor can result in a risk of electrical shock.

It is the personal responsibility of the customer to contact a qualified installer to assure that the electrical installation is adequate and is in conformance with the National Electrical Code and local codes and ordinances.

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

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



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

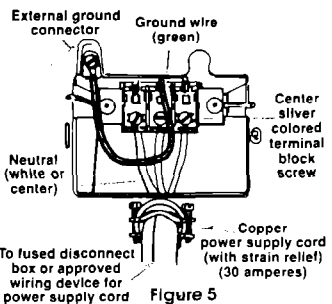
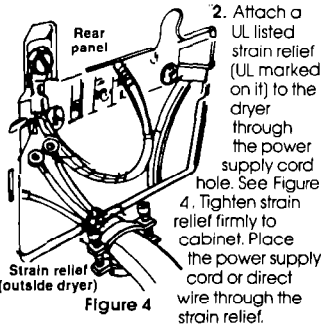


Figure 5

- 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.
- IF YOUR POWER SUPPLY CORD OR DIRECT WIRING HAS PLAIN WIRE ENDS, SEE FIGURE 6 AND FOLLOW THESE STEPS:

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

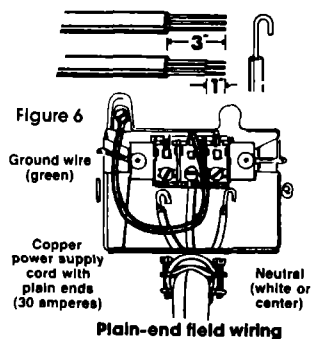


Figure 6

Plain-end field wiring

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

1. Remove terminal block cover.
2. Remove the ground wire (green) from the external ground connector and fasten under center silver colored terminal block screw.

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

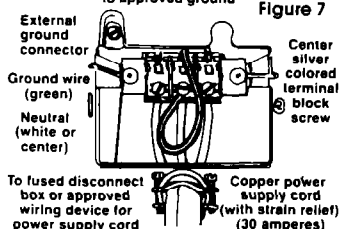


Figure 7

Ungrounded neutral

3. 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 wire see Figure 6.
4. Connect a separate copper ground 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 ground connector. Use Part No. 685463 ground wire and clamp assembly. Do not ground to a gas supply pipe. Do not connect the power supply cord to electric power supply until appliance is permanently grounded. See Figure 8.

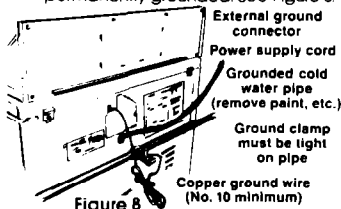


Figure 8

5. Replace terminal block cover. *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 or 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. Remove ground wire (green) from the external ground connector and fasten under center silver colored terminal block screw.
3. Connect the ground wire (green) of the power supply cord to the external ground connector.
4. 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.

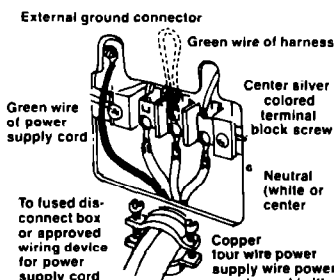


Figure 9

4 wire ungrounded neutral

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.

Exhaust requirements

Four Inch Metal Exhaust Duct is recommended. (Do not use 3-inch exhaust duct.)

Metal flexible duct may be used. Non-metallic flexible duct is not recommended 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.

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 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 on the back cover and on the label on the back panel of dryer.

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 2½ 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.
	4"	4"	2½"	
0	43 FT.	41 FT.	36 FT.	MAXIMUM LENGTH OF 4" DIA. FLEXIBLE METAL DUCT.
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.	15 FT.	10 FT.	

Exhaust Systems longer than specified will:

- Shorten the life of the dryer.
- Reduce the performance in ways such as causing longer drying times and increasing the use of energy.
- Accumulate lint.

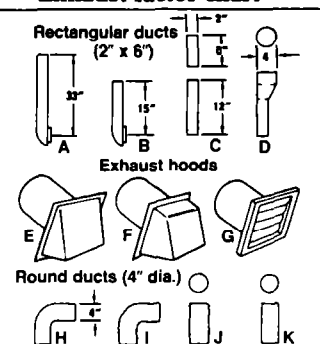
For Exhaust Systems not covered by the exhaust length chart, see Whirlpool Service Manual, Exhausting Whirlpool Dryers, Part No. 603197 available from your Whirlpool parts distributor. The back pressure in any exhaust system used must not exceed .6 inches of water column measured with an inclined manometer 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 winter months. Whirlpool has a Heat-Humidity Saver Part No. 279427 with a furnace-size filter. Cleaning is recommended once every 25 dryer loads. You may use these devices with Whirlpool dryers providing their use does not violate national or local codes, and the device does not restrict exhaust air flow. 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 maintain the kit installation properly to avoid excessive lint build-up, which can affect the dryer's performance.

TIYPICAL EXHAUST METHODS

Exhaust factor chart



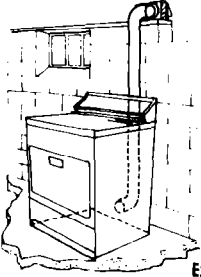
Using the code letter of duct type (above), obtain the "exhaust factor" from table I. Add these "exhaust factors" up; the maximum should not exceed 100.

TABLE I

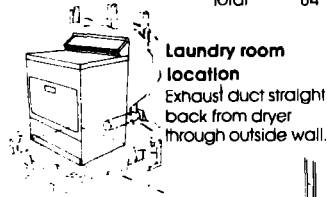
Code	Duct Description	Exhaust Factor
A	Each Rectangular Long Elbow	35
B	Each Rectangular Short Elbow	25
C	Each Foot of Rectangular Duct	2
D	Each Rectangular-Round Adapter	15
E	Each 4" dia. Exhaust Hood (2½" Opening)	30
F	Each 4" dia. Exhaust Hood (4" Opening)	15
G	Each 4" dia. Louvered Hood	20
H	Each 4" dia. Round Elbow	20
I	Each 4" dia. Flexible Metal Elbow	25
J	Each foot of 4" dia. Flexible Metal Hose	3
K	Each foot of 4" dia. Straight Pipe	2

To use the Exhaust Factor chart, select the type of duct you will use and determine the exhaust factor for each component in the exhaust system. Total the exhaust factors for the components. The final figure should not exceed 100 for a good exhaust system.

Example: Basement location



Quantity	Part	Exhaust Factor
1	Exhaust Hood (2 1/2" Opening)	30
2	4" diameter Round Elbows	40
7 ft.	4" diameter Straight Pipe	14
Total		84

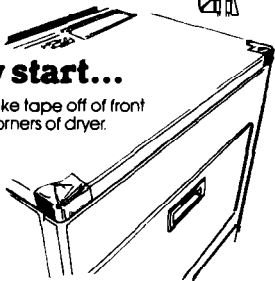


Laundry room location
Exhaust duct straight back from dryer through outside wall.

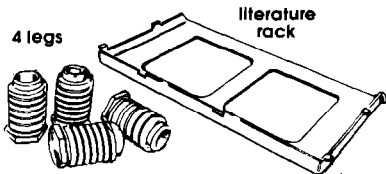
Mobile home location
Exhaust duct system terminates outside enclosed area under mobile home.

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. Check to see that you have these parts:

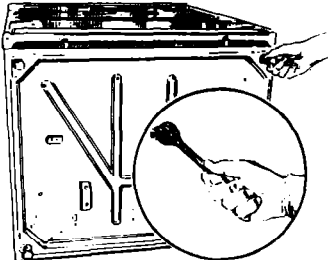


3. Remove the tape that holds the drum to the cabinet. Move the drum by hand to make certain all tape has been removed. Wipe the interior of the drum thoroughly with a damp cloth before using the dryer.

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

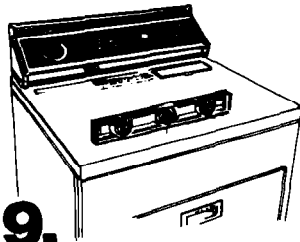
5. Firmly grasp the body of the dryer and gently lay it on its back on the cardboard corners.

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.



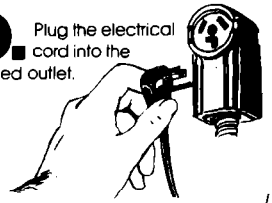
7. Start to screw the legs into the holes by hand. A little liquid detergent to lubricate the screw will help. Use a 1" wrench or socket to finish turning the legs until you reach the diamond mark.

8. Now stand the dryer up.

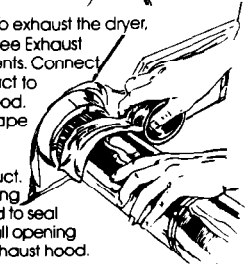


9. Move the dryer to its permanent location. To make sure the dryer is level, take a carpenter's level and place it on the top of the dryer, first side to side, then front to back. If the dryer is not level, screw the legs of the dryer up or down to adjust.

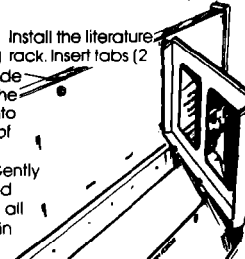
10. Plug the electrical cord into the grounded outlet.



11. 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.



12. 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.

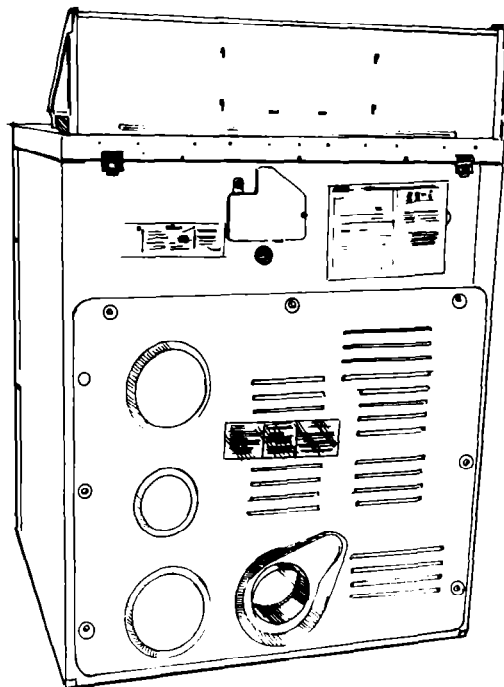


13. Check to see that all of the parts you removed from the installation parts packages in step 2 are now installed in the dryer. If you still have an extra part, go back through the steps to see what you skipped.

14. Check to make sure you have all the tools you started with in step A.

Congratulations!

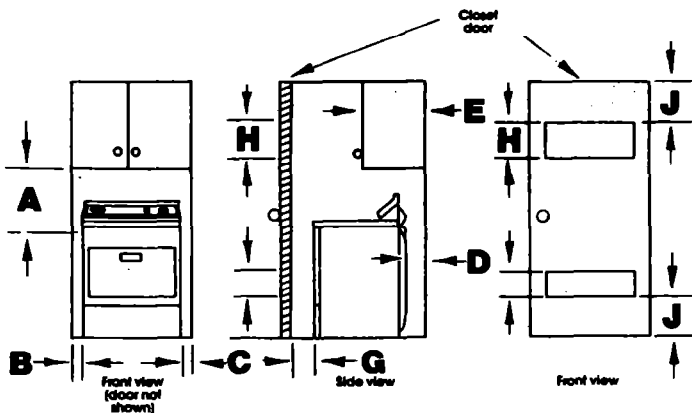
You have just finished installing your new Whirlpool electric dryer. To make sure you get the most efficient use and greatest enjoyment from your new dryer, read your Whirlpool Operating Instructions. (And be sure to fold these installation instructions and put them in the literature Bac-Pak. They'll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



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 MACHINE MUST BE EXHAUSTED OUTDOORS.



MINIMUM INSTALLATION SPACING

RECESS INSTALLATION	A	B	C	**D	E
NON-EXHAUSTED (DEFLECTOR LCK4000 REQUIRED)	•	0	0	4	•
EXHAUSTED	15	0	0	0	14 Max.

CLOSET INSTALLATION	A	B	C	**D	**F	G	**H	J
EXHAUSTED ONLY	15	0	0	4	24 sq. in.	1	48 sq. in.	3

Unobstructed air openings required for laundry equipment when door is installed.

*Shelf or cabinet is not permitted above dryer when non-exhausted.

**Louvered door with equivalent air openings is acceptable.

***"D" Dimension must be measured from dryer cabinet rear panel.

Companion appliance spacings should be considered.

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.

If dryer does not operate properly...

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

- Electric supply is connected.
- Fuse is intact and tight.
- Door is closed.
- Controls are set in a running or "On" position.
- 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 (when calling from Michigan, dial (800) 632-2243; from Alaska or Hawaii, dial (800) 253-1121, (800) 253-1122. Dial just as you normally dial long distance – the call is free.

