Installation Instructions

Gas Dryer 02

BEFORE YOU BEGIN

Read these instructions completely and carefully.

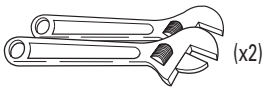
- **IMPORTANT-** Save these instructions for local inspector's use.
- **IMPORTANT-** Observe all governingcodes and ordinances.
- **Note to Installer** - Be sure to leave these instructions with the customer.
- **Note to Customer** - Keep these instructions with your Use and Care Book for future reference.
- Before the old dryer is removed from service or discarded, remove the dryer door.
- Inspect the dryer exhaust outlet and straighten the outlet walls if they are bent.
- Service information and the wiring diagram are located in the control console.
- Do not allow children on or in the appliance. Close supervision of children is necessary when the appliance is used near children.
- Install the dryer where the temperature is above 50°F for satisfactory operation of the dryer control system.

⚠WARNING RISK OF FIRE

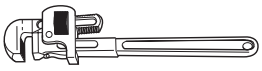
- To reduce the risk of severe injury or death, follow all installation instructions.
- Clothes dryer installation must be performed by a qualified installer.
- Install the clothes dryer according to these instructions and in accordance with local codes. In the absence of local codes, installation must comply with National Fuel Gas Code, ANSIZ223.1/NFPA 54 or the Canadian Natural Gas and Propane Installation Code, CSA B149.1.
- *California Safe Drinking Water and Toxic Enforcement Act*
  This act requires the governor of California to publish a list of substances known to the state to cause cancer, birth defects or other reproductive harm and requires businesses to warn customers of potential exposure to such substances. Gas appliances can cause minor exposure to four of these substances, namely benzene, carbon monoxide, formaldehyde and soot, caused primarily by the incomplete combustion of natural gas or LP fuels. Properly adjusted dryers will minimize incomplete combustion. Exposure to these substances can be minimized further by properly venting the dryer to the outdoors.
- This dryer must be exhausted to the outdoors.
- Use only 4" rigid metal ducting for exhausting the clothes dryer to the outdoors.
- DO NOT install a clothes dryer with flexible plastic ducting materials. If flexible metal (semi-rigid or foil-type) duct is installed, it must be UL-listed and installed in accordance with the instructions found in "Connecting The Dryer To House Vent" on page 6 of this manual. Flexible ducting materials are known to collapse, be easily crushed, and trap lint. These conditions will obstruct dryer airflow and increase the risk of fire.
- Do not install or store this appliance in any location where it could be exposed to water and or weather.
- Save these instructions. (Installers: Be sure to leave these instructions with the customer).

In the state of Massachusetts, installation must be performed by a qualified or licensed contractor, plumber, or gasfitter qualified or licensed by the state.

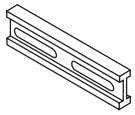
TOOLS YOU WILL NEED


(x2)

10" ADJUSTABLE WRENCHES



8" PIPE WRENCH



LEVEL

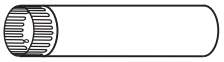


SLIP JOINT PLIERS

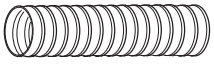


FLAT BLADE SCREWDRIVER

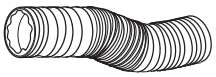
MATERIALS YOU WILL NEED



4" DIA. METAL DUCT (RECOMMENDED)



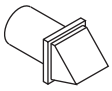
4" DIA. FLEXIBLE METAL (SEMI-RIGID) UL LISTED TRANSITION DUCT (IF NEEDED) KIT WX08X10077 (INCLUDES 2 ELBOWS)



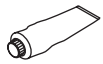
4" DIA. FLEXIBLE METAL (FOIL TYPE) UL LISTED TRANSITION DUCT (IF NEEDED.)



4" DIAM METAL ELBOW



EXHAUST HOOD



PIPE COMPOUND



SOAP SOLUTION FOR LEAK DETECTION


(x2)

4" DUCT CLAMPS OR 4" SPRING CLAMPS

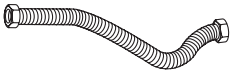

(x2)



DUCT TAPE



SAFETY GLASSES



FLEXIBLE GAS LINE CONNECTOR



GLOVES

Step 1 Verify Your Gas Installation (see section 2).
Step 2 Prepare the Area and Exhaust for Installation of New Dryer (see section 1).
Step 3 Check and Insure the Existing External Exhaust is Clean (see section 1) and Meets Attached Installation Specifications (see section 6).
Step 4 Remove the Foam Shipping Pads (see section 1).
Step 5 Move the Dryer to the Desired Location.
Step 6 Level Your Dryer (see section 8).
Step 7 Connect the Gas Supply (see section 3) and check for leaks (see section 4).
Step 8 Connect the External Exhaust (see section 7).
Step 9 Connect the Power Supply (see section 5).
Step 10 Check the Operation of the Power Supply, Gas Connections, and Venting.
Step 11 Place the Owners Manual and the Installation Instructions in a Location Where They Will Be Noticed By the Owner.

For Alcove or Closet Installation see section 9.
For Bathroom or Bedroom Installation see section 10.
For Mobile or Manufactured Home see section 11.

Installation Instructions

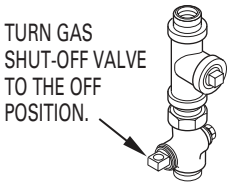
Minimum Clearance Other Than Alcove or Closet Installation

Minimum clearance to combustible surfaces and for air opening are: 0 in. clearance both sides and 1 in. rear. Consideration **must** be given to provide adequate clearance for proper operation and service.

1 PREPARING FOR INSTALLATION OF NEW DRYER

TIP: Install your dryer before installing your washer. This will allow better access when installing dryer exhaust.

DISCONNECTING GAS



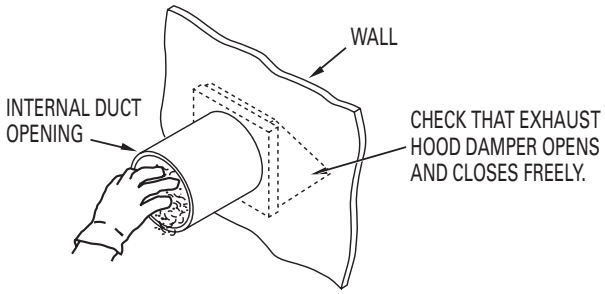


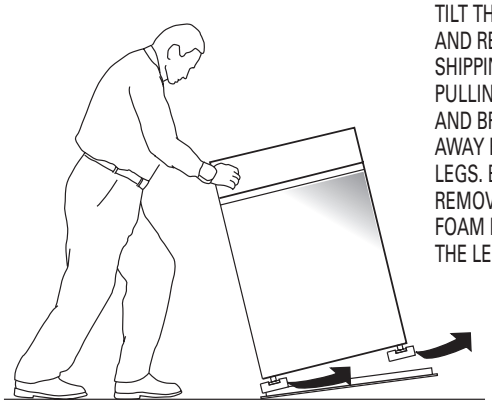
⚠WARNING - NEVER REUSE OLD FLEXIBLE CONNECTORS.

The use of old flexible connectors can cause leaks and personal injury. Always use new flexible connectors when installing gas appliances.

REMOVING LINT FROM WALL EXHAUST OPENING

- Remove and discard existing plastic or metal foil transition duct and replace with UL listed transition duct.



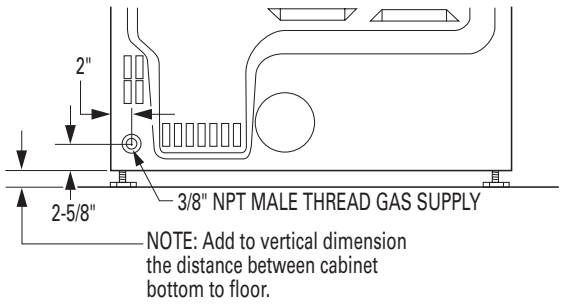


2 GAS REQUIREMENTS

⚠WARNING

- Installation must conform to local codes and ordinances, or in their absence, the NATIONAL FUEL GAS CODE, ANSI Z223.
- This gas dryer is equipped with a Valve & Burner Assembly for use only with natural gas. Using conversion kit WE2 5X0217, your local service organization can convert this dryer for use with propane (LP) gas. ALL CONVERSIONS MUST BE MADE BY PROPERLY TRAINED AND QUALIFIED PERSONNEL AND IN ACCORDANCE WITH LOCAL CODES AND ORDINANCE REQUIREMENTS.
- The dryer must be disconnected from the gas supply piping system during any pressure testing of that system at a test pressure in excess of 0.5 PSI (3.4 KPa).
- The dryer must be isolated from the gas supply piping system by closing the equipment shut-off valve during any pressure testing of the gas supply piping of test pressure equal to or less than 0.5 PSI (3.4 KPa).

DRYER GAS SUPPLY CONNECTION



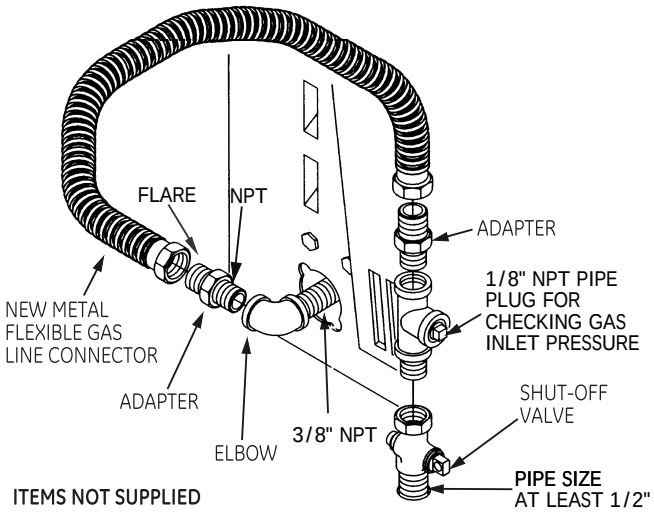
GAS SUPPLY

- A 1/8-in. National Pipe Taper thread plugged tapping, accessible for test gauge connection, must be installed immediately upstream of the gas supply connection to the dryer. Contact your local gas utility should you have questions on the installation of the plugged tapping.
- Supply line is to be 1/2-in. rigid pipe and equipped with an accessible shut-off within 6 ft. of, and in the same room with the dryer.
- Use pipe thread sealer compoundor Teflon tape appropriate for naturalor LP gas.
- You must use with this dryer a flexible metal connector listed connector ANSI Z21.24 / CSA 6.10. The length of the connect shall not exceed 3 ft.
- Connect flexible metal connector to dryer and gas supply.
- Open shut-off valve.

Installation Instructions

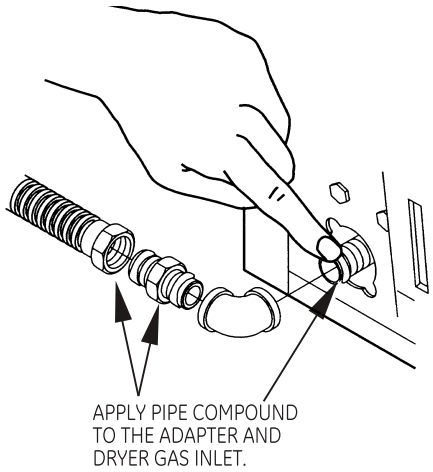
3 RECONNECTING GAS

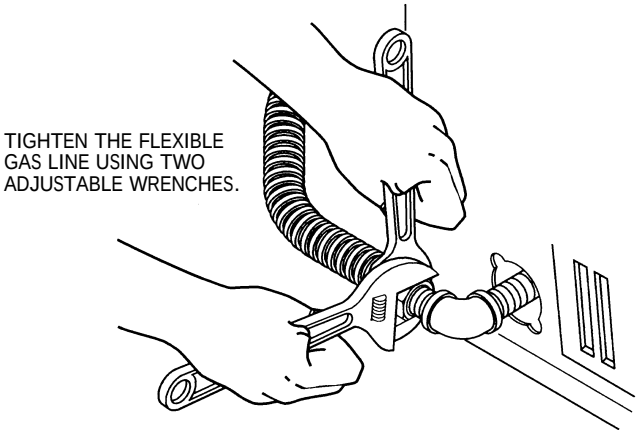
Listed connector ANSI Z21.24 / CSA 6.10

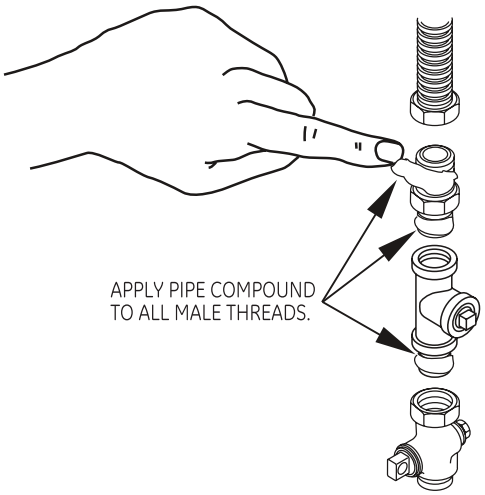


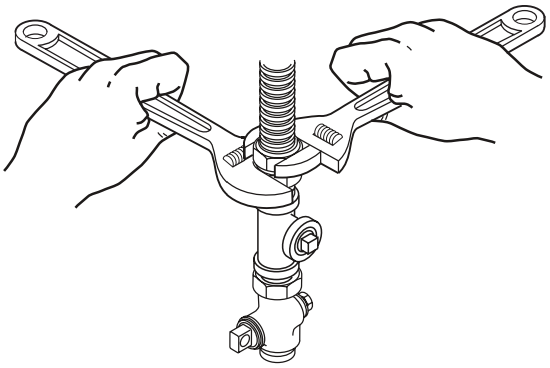
Note: The connector and fittings are designed for use only on the original installation and are not to be reused for another appliance or at another location. Keep flare end of adaptor free of grease, oil and thread sealant.

Caution: Use adapters as shown. Connector nuts must not be connected directly to pipe threads.





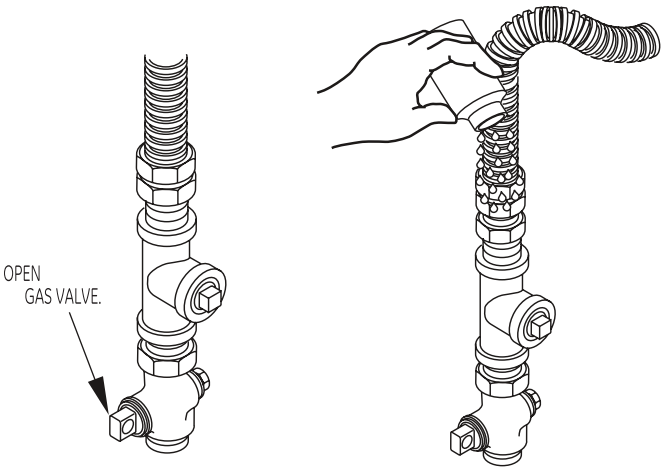




TIGHTEN ALL CONNECTIONS USING TWO ADJUSTABLE WRENCHES.
DO NOT OVERTORQUE GAS CONNECTIONS!

4 LEAK TEST

⚠ WARNING - NEVER USE AN OPEN FLAME TO TEST FOR GAS LEAKS.



Check all connections for leaks with soapy solution or equivalent. Apply soap solution. **Leak test solution must not contain ammonia which could cause damage to the brass fittings.** If leaks are found, close valve, retighten the joint, and repeat the soap test.

Installation Instructions

5 ELECTRICAL CONNECTION INFORMATION

⚠ WARNING - TO REDUCE THE RISK OF FIRE, ELECTRICAL S HOCK, AND PERSONAL INJURY:

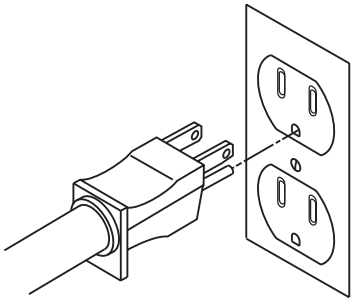
- **DO NOT USE AN EXTENSION CORD OR AN ADAPTER PLUG WITH THIS APPLIANCE.**

Dryer must be electrically grounded in accordance with local codes and ordinances, or in the absence of local codes, in accordance with the NATIONAL ELECTRICAL CODE, ANSI/NFPA NO. 70.

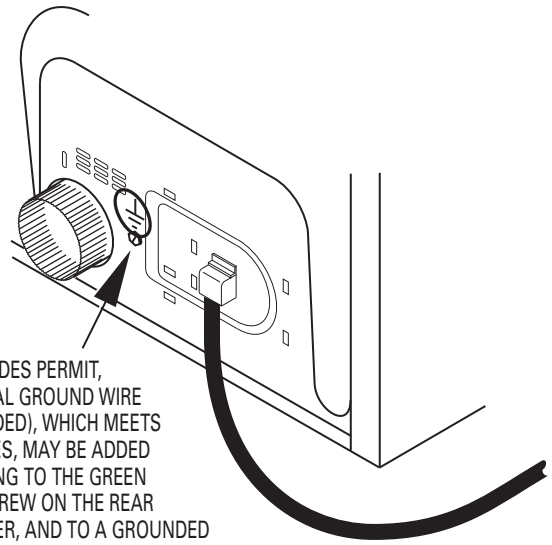
ELECTRICAL REQUIREMENTS

This appliance must be supplied with 120V, 60Hz, and connected to a properly grounded branch circuit, protected by a 15- or 20-amp circuit breaker or time-delay fuse. If electrical supply provided does not meet the above specifications, it is recommended that a licensed electrician install an approved outlet.

⚠ WARNING - THIS DRYER IS EQUIPPED A THREE-PRONG (GROUNDING) PLUG FOR YOUR PROTECTION AGAINST SHOCK HAZARD AND SHOULD BE PLUGGED DIRECTLY INTO A PROPERLY GROUNDED THREE-PRONG RECEPTACLE. DO NOT CUT OR REMOVE THE GROUNDING PRONG FROM THIS PLUG.



ENSURE PROPER GROUND EXISTS BEFORE USE.



IF LOCAL CODES PERMIT, AN EXTERNAL GROUND WIRE (NOT PROVIDED), WHICH MEETS LOCAL CODES, MAY BE ADDED BY ATTACHING TO THE GREEN GROUND SCREW ON THE REAR OF THE DRYER, AND TO A GROUNDED METAL COLD WATER PIPE OR OTHER ESTABLISHED GROUND.

6 EXHAUST INFORMATION

⚠ WARNING - IN CANADA AND IN THE UNITED STATES, THE REQUIRED EXHAUST DUCT DIAMETER IS 4 IN (102mm). DO NOT USE DUCT LONGER THAN SPECIFIED IN THE EXHAUST LENGTH TABLE.

Using exhaust longer than specified length will:

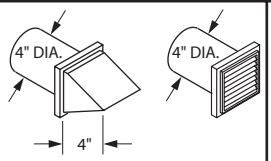
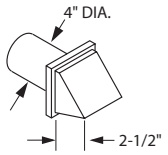
- Increase the drying times and the energy cost.
- Reduce the dryer life.
- Accumulate lint, creating a potential fire hazard.

The correct exhaust installation is <u>YOUR RESPONSIBILITY.</u> Problems due to incorrect installation are not covered by the warranty.

Remove and discard existing plastic or metal foil transition duct and replace with UL listed transition duct.

The MAXIMUM ALLOWABLE duct length and number of bends of the exhaust system depends upon the type of duct, number of turns, the type of exhaust hood (wall cap), and all conditions noted below. The maximum duct length for rigid metal duct is shown in the table below.

EXHAUST LENGTH

	RECOMMENDED MAXIMUM LENGTH	
	Exhaust Hood Types	
	Recommended	Use only for short run installations
		
No. of 90º Elbows	Rigid Metal	Rigid Metal
0	90 Feet	60 Feet
1	60 Feet	45 Feet
2	45 Feet	35 Feet
3	35 Feet	25 Feet

EXHAUST SYSTEM CHECK LIST

HOOD OR WALL CAP

- Terminate in a manner to prevent back drafts or entry of birds or other wildlife.
- Termination should present minimal resistance to the exhaust air flow and should require little or no maintenance to prevent clogging.
- **Never** install a screen in or over the exhaust duct. This could cause lint build up.
- Wall caps must be installed at least 12 in. above ground level or any other obstruction with the opening pointed down.

SEPARATION OF TURNS

For best performance, separate all turns by at least 4 ft. of straight duct, including distance between last turn and exhaust hood.

TURNS OTHER THAN 90º

- One turn of 45º or less may be ignored.
- Two 45º turns should be treated as one 90º turn.
- Each turn over 45º should be treated as one 90º turn.

SEALING OF JOINTS

- All joints should be tight to avoid leaks. The male end of each section of duct must point away from the dryer.
- Do not assemble the ductwork with fasteners that extend into the duct. They will serve as a collection point for lint.
- Duct joints can be made air and moisture-tight by wrapping the overlapped joints with duct tape.
- Horizontal runs should slope down toward the outdoors ½ inch per foot

INSULATION

Duct work that runs through an unheated area or is near air conditioning should be insulated to reduce condensation and lint build-up.

Installation Instructions

7 EXHAUST CONNECTION

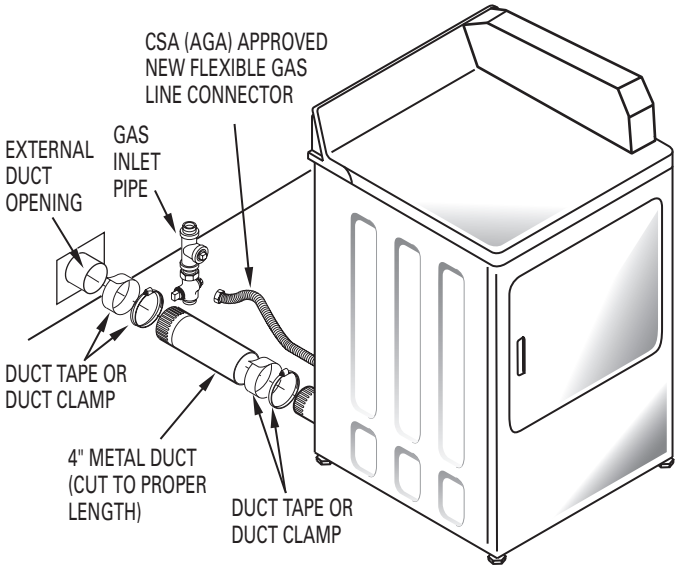
⚠ WARNING - TO REDUCE THE RISK OF FIRE OR PERSONAL INJURY:

- This clothes dryer must be exhausted to the outdoors.
- Use only 4" rigid metal ducting for the home exhaust duct.
- Use only 4" rigid metal or UL-listed flexible metal (semi-rigid or foil-type) duct to connect the dryer to the home exhaust duct. It must be installed in accordance with the instructions found in "Connecting The Dryer To House Vent" on page 6 of this manual.
- Do not terminate exhaust in a chimney, a wall, a ceiling, gas vent, crawl space, attic, under an enclosed floor, or in any other concealed space of a building. The accumulated lint could create a fire hazard.
- Never terminate the exhaust into a common duct with a kitchen exhaust system. A combination of grease and lint creates a potential fire hazard.
- Do not use duct longer than specified in the exhaust length table. Longer ducts can accumulate lint, creating a potential fire hazard.
- Never install a screen in or over the exhaust duct. This will cause lint to accumulate, creating a potential fire hazard.
- Do not assemble ductwork with any fasteners that extend into the duct. These fasteners can accumulate lint, creating a potential fire hazard.
- Do not obstruct incoming or exhausted air.
- Provide an access for inspection and cleaning of the exhaust system, especially at turns and joints. Exhaust system shall be inspected and cleaned at least once a year.

THIS DRYER COMES READY FOR REAR EXHAUSTING. IF SPACE IS LIMITED, USE THE INSTRUCTIONS IN SECTION 9 TO EXHAUST DIRECTLY FROM THE SIDES OR BOTTOM OF THE CABINET.

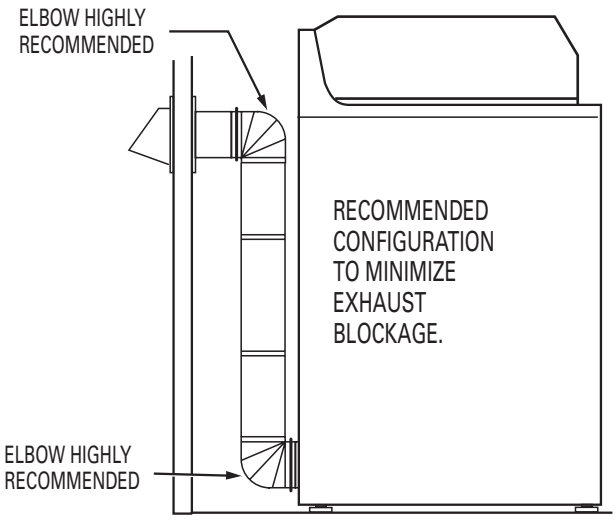
STANDARD REAR EXHAUST (Vented at floor level)

FOR STRAIGHT LINE INSTALLATION, CONNECT THE DRYER EXHAUST TO THE EXTERNAL EXHAUST HOOD USING DUCT TAPE OR CLAMP.



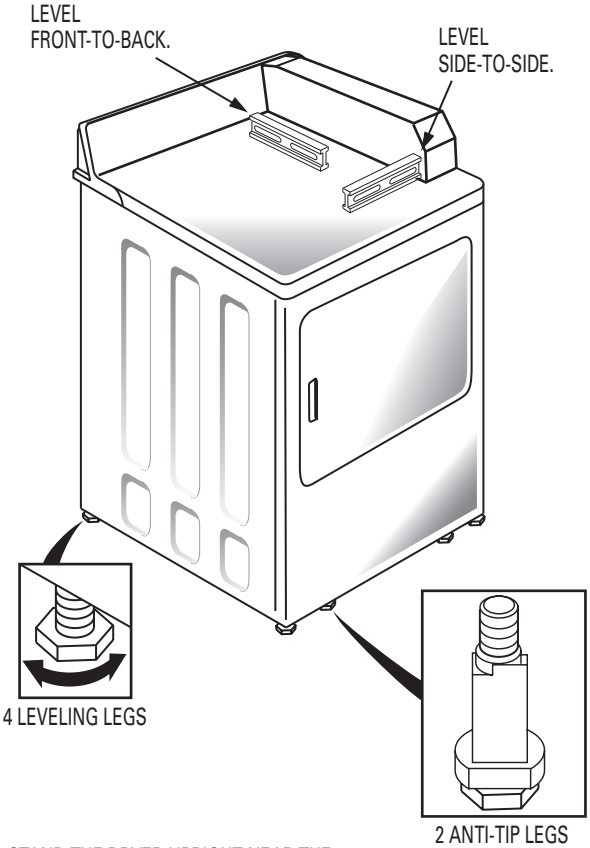
NOTE: WE STRONGLY RECOMMEND SOLID METAL EXHAUST DUCTING. HOWEVER, IF FLEXIBLE DUCTING IS USED IT **MUST** BE UL-LISTED METAL NOT **PLASTIC.**

STANDARD REAR EXHAUST (Vented above floor level)



NOTE: ELBOWS WILL PREVENT DUCT KINKING AND COLLAPSING.

8 LEVELING DRYER



STAND THE DRYER UPRIGHT NEAR THE FINAL LOCATION AND ADJUST THE 4 LEVELING LEGS TO MATCH THE HEIGHT OF YOUR WASHER. ADJUST THE 2 ANTI-TIP LEGS TO CONTACT THE FLOOR.

Installation Instructions

CONNECTING THE DRYER TO HOUSE VENT

RIGID METAL TRANSITION DUCT

- For best drying performance, a rigid metal transition duct is recommended.
- Rigid metal transitions ducts reduce the risk of crushing and kinking.

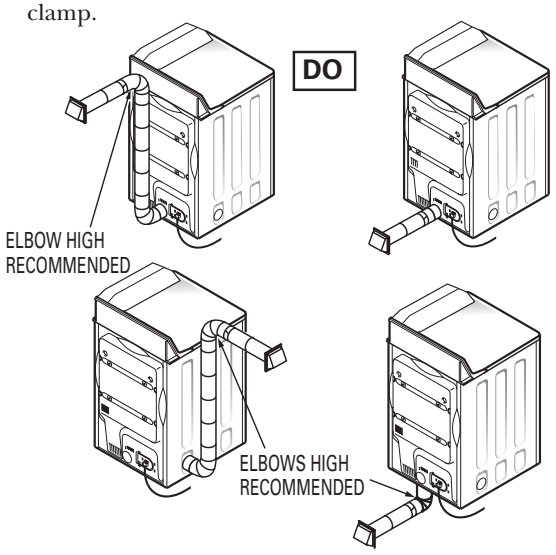
UL-LISTED FLEXIBLE METAL (SEMI-RIGID) TRANSITION DUCT

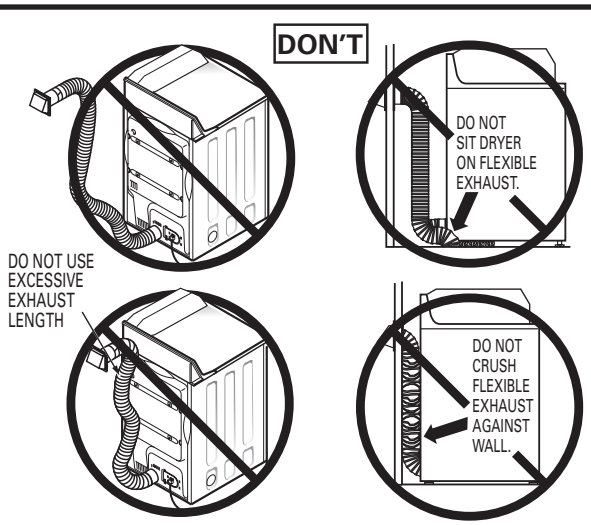
- If rigid metal duct cannot be used, then UL-listed flexible metal (semi-rigid) ducting can be used (Kit WX08X10077).
- Never install flexible metal duct in walls, ceilings, floors or other enclosed spaces.
- Total length of flexible metal duct should not exceed 8 feet (2.4m).
- For many applications, installing elbows at both the dryer and the wall is highly recommended (see illustrations below). Elbows allow the dryer to sit close to the wall without kinking and or crushing the transition duct, maximizing drying performance.
- Avoid resting the duct on sharp objects.

UL-LISTED FLEXIBLE METAL (FOIL-TYPE) TRANSITION DUCT

- In special installations, it may be necessary to connect the dryer to the house vent using a flexible metal (foil-type) duct. A UL-listed flexible metal (foil-type)duct may be used ONLY in installations where rigid metal or flexible metal (semi-rigid) ducting cannot be used AND where a 4" diameter can be maintained throughout the entire length of the transition duct.
- In Canada and the United States, only the flexible metal(foil-type) ducts that comply with the “Outline for Clothes Dryer Transition Duct Subject 2158A” shall be used.
- Never install flexible metal duct in walls, ceilings, floors or other enclosed spaces.
- Total length of flexible metal duct should not exceed 8 feet (2.4m).
- Avoid resting the duct on sharp objects.
- For best drying performance:

  1. Slide one end of the duct over the clothes dryer outlet pipe.
  2. Secure the duct with a clamp.
  3. With the dryer in its permanent position, extend the duct to its full length. Allow 2” of duct to overlap the exhaust pipe. Cut off and remove excess duct. Keep the duct as straight as possible for maximum airflow.
  4. Secure the duct to the exhaust pipe with the other clamp.





9 ALCOVE OR CLOSET INSTALLATION

- If your dryer is approved for installation in an alcove or closet, it will be stated on a label on the dryer back.
- The dryer MUST be vented to the outdoors. See the EXHAUST INFORMATION section.
- Minimum clearance between dryer cabinet and adjacent walls or other surfaces is:
  0 in. either side
  3 in. front and rear
- Minimum vertical space from floor to overhead cabinets, ceiling, etc. is 52 in.
- Closet doors must be louvered or otherwise ventilated and must contain a minimum of 60 sq. in. of open area equally distributed. If the closet contains both a washer and a dryer, doors must contain a minimum of 120 sq.in. of open area equally distributed.
- The closet should be vented to the outdoors to prevent gas pocketing in case of a gas leak in the supply line.
- No other fuel-burning appliance shall be installed in the same closet with the dryer.

10 BATHROOM OR BEDROOM INSTALLATION

- The dryer MUST be vented to the outdoors. See EXHAUST INFORMATION section 6.
- The installation must conform with local codes or, in the absence of local codes, with the NATIONAL FUEL GAS CODE, ANSI Z223.

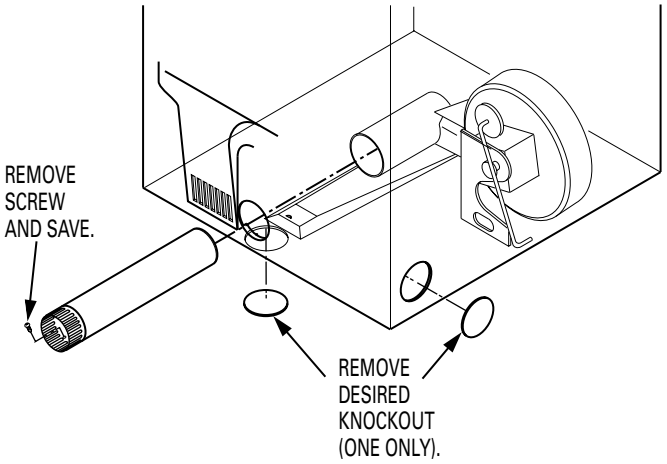
11 MOBILE OR MANUFACTURED HOME INSTALLATION

- Installation must conform to the MANUFACTURED HOME CONSTRUCTION & SAFETY STANDARD, TITLE 24, PART 32-80 or, when such standard is not applicable, with AMERICAN NATIONAL STANDARD FOR MOBILE HOME, NO. 501B.
- The dryer MUST be vented to the outdoors with the termination securely fastened to the mobile home structure. (See EXHAUST INFORMATION section 6.)
- The vent MUST NOT be terminated beneath a mobile or manufactured home.
- The vent duct material MUST BE METAL.
- KIT 14-D346-33 MUST be used to attach the dryer securely to the structure.
- The vent MUST NOT be connected to any other duct, vent, or chimney.
- Do not use sheet metal screws or other refastening devices which extend into the interior of the exhaust vent.
- Provide an opening with a free area of at least 25 sq. in.or introduction of outside air into the dryer room.

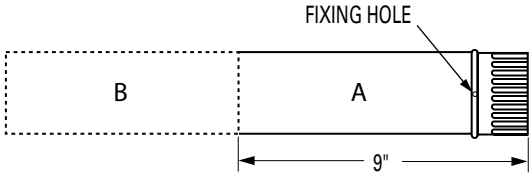
Installation Instructions

12 DRYER EXHAUST TO LEFT OR BOTTOM CABINET

⚠ WARNING - BEFORE PERFORMING THIS EXHAUST INSTALLATION, BE SURE TO DISCONNECT THE DRYER FROM ITS ELECTRICAL SUPPLY. PROTECT YOUR HANDS AND ARMS FROM SHARP EDGES WHEN WORKING INSIDE THE CABINET. BE SURE TO WEAR GLOVES

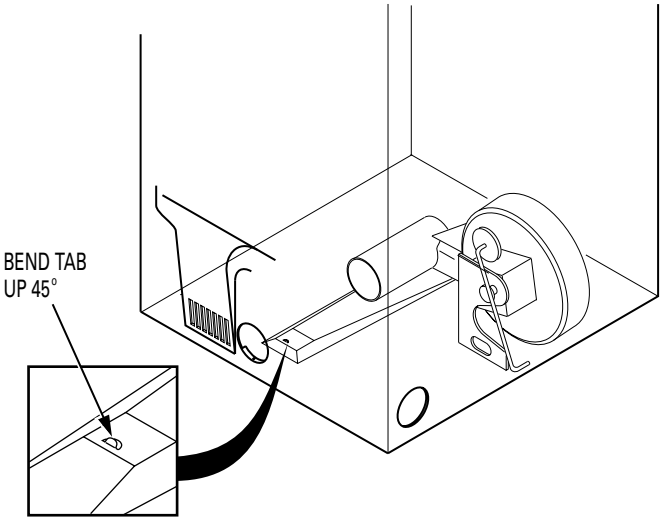


Detach and remove the bottom or left side knockout as desired. Remove the screw inside the dryer exhaust duct and save. Pull the duct out of the dryer.



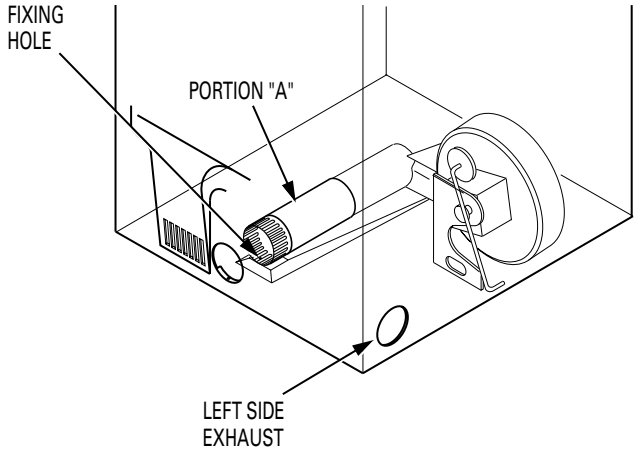
Cut the duct as shown and keep portion A.

TAB LOCATION



Through the rear opening, locate the tab in the middle of the appliance base. Lift the tab to about 45° using a flat blade screwdriver.

ADDING NEW DUCT

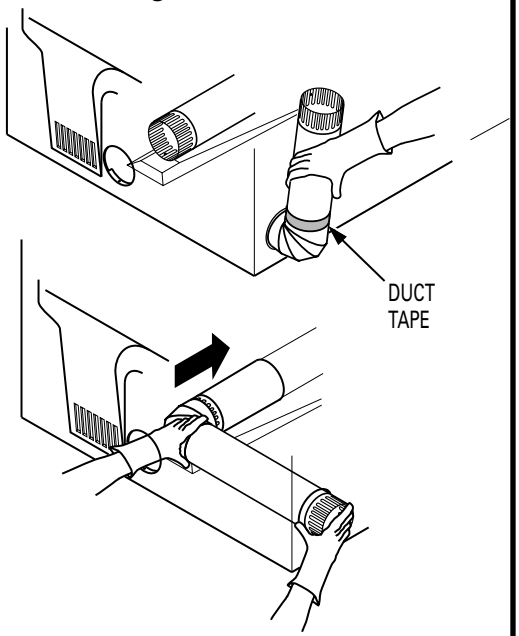


Reconnect the cut portion (A) of the duct to the blower housing. Make sure that the shortened duct is aligned with the tab in the base. Use the screw saved previously to secure the duct in place through the tab on the appliance base.

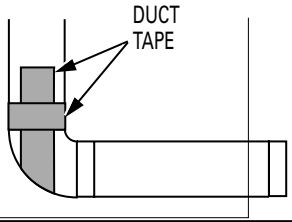
ADDING ELBOW AND DUCT FOR EXHAUST TO LEFT SIDE OF CABINET

- Preassemble 4" elbow with 4" duct. Wrap duct tape around joint.
- Insert duct assembly, elbow first, through the side opening and connect the elbow to the dryer internal duct.

CAUTION: Be sure not to pull or damage the electrical wires inside the dryer when inserting the duct.



- Apply duct tape as shown on the joint between the dryer internal duct and the elbow.

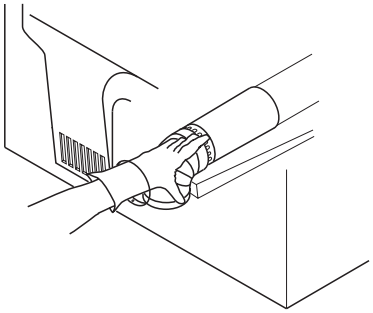


CAUTION:
Internal duct joints must be secured with tape, otherwise they may separate and cause a safety hazard.

Installation Instructions

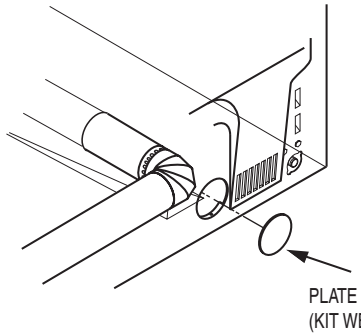
ADDING ELBOW FOR EXHAUST THROUGH BOTTOM OF CABINET

- Insert the elbow through the rear opening and connect it to the dryer internal duct.
- Apply duct tape on the joint between the dryer internal duct and elbow, as shown on page 7.



CAUTION:
Internal duct joints must be secured with tape, otherwise they may separate and cause a safety hazard.

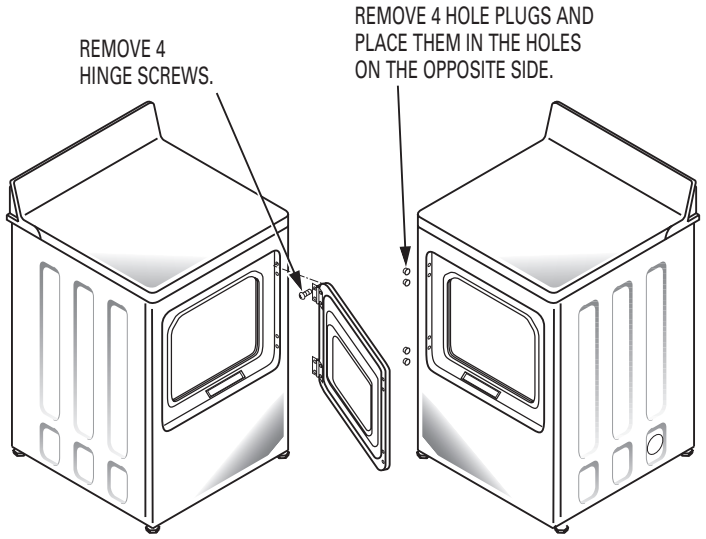
ADDING COVER PLATE TO REAR OF CABINET

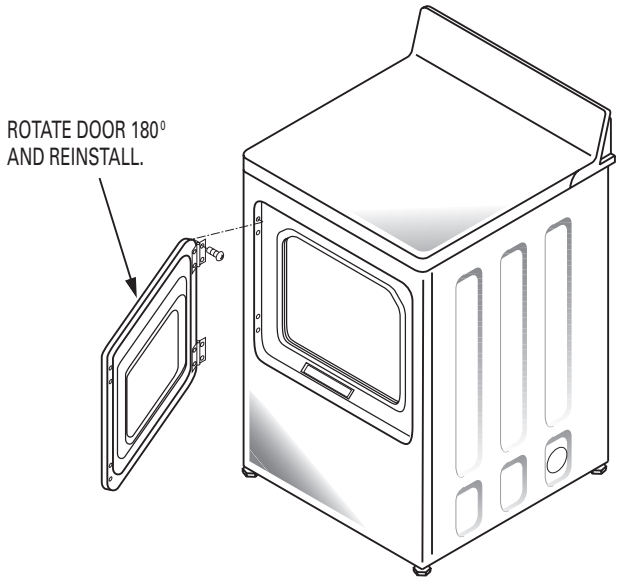


Connect standard metal elbows and ducts to complete the exhaust system. Cover back opening with a plate (Kit WE1M454) available from your local service provider. Place dryer in final location.

⚠ WARNING - NEVER LEAVE THE BACK OPENING WITHOUT THE PLATE.

13 CHANGING DIRECTION OF DOOR OPENING





14 SERVICING

⚠ WARNING - LABEL ALL WIRES PRIOR TO DISCONNECTION WHEN SERVICING CONTROLS. WIRING ERRORS CAN CAUSE IMPROPER AND DANGEROUS OPERATION AFTER SERVICING/INST ALLATION.

For replacement parts and other information, refer to Owner's Manual for servicing phone numbers.