

Installation Instructions

Gas Dryer

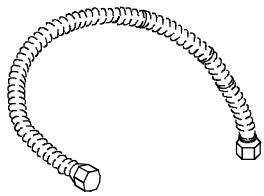
Keep instructions for future reference. Be sure manual stays with dryer.

Questions?

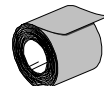
See *Owner's Manual* or call Amana Consumer Affairs Department 1-800-843-0304

You'll Need a Few Things Before You Begin

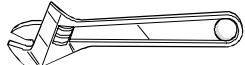
Stainless Steel or Hard Pipe Gas Connector



Duct Tape



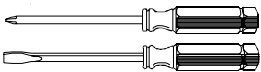
Wrench



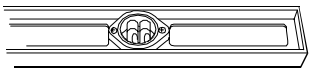
Teflon Tape or Joint Compound



Screw Drivers



Level



Optional Kits

Kits are available at extra cost through your Amana dealer or Amana factory 1-800-843-0304.

Directional Exhaust Kit

DK1 Sales Accessory (Directional Exhaust Kit #528P3).

Flexible Metal Vent Kit

Exhausting the dryer in hard-to-reach locations can be accomplished by installing Kit # 521P3.

Manufactured (Mobile) Home Installation Kit

Manufactured home anchor Kit #526P3.

Propane Gas Conversion Kit

LPK1 Sales Accessory (L.P./Propane Kit # 649P3).

2 CONNECT DRYER TO EXHAUST SYSTEM

Secure all joints with clamps or duct tape. DO NOT use sheet metal screws or other fastening means which extend into the duct to attach exhaust pipe joints. They could catch lint and reduce the efficiency of the exhaust system.

IMPORTANT: Keep exhaust duct as short as possible.

Be sure old ducts are clean before installing your new dryer.

To prevent backdraft when dryer is not in operation, outer end of exhaust pipe must have a weather hood with hinged dampers (obtain locally).

Weather hood should be installed at least 12" (30.5 cm) above the ground. Higher clearances may be necessary in areas where heavy snowfall can occur.

No extra system length consideration is necessary when exhausting through the roof. Use **MAXIMUM EXHAUST LENGTH** table to calculate system length. Use a roof cap that provides air flow equal to weather hood.

Exhaust Directions

Dryer can be exhausted to the outdoors through the back, right, or bottom of the dryer. **Gas dryers cannot be vented out the left side because of the burner housing.**

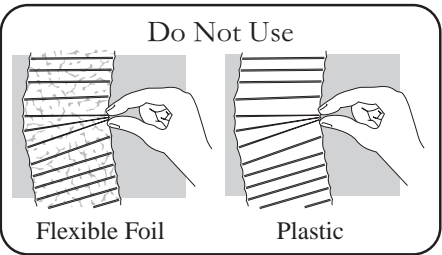
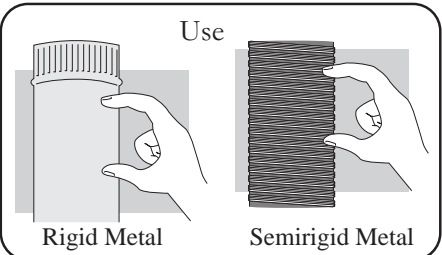
Dryer is shipped from factory ready for rear exhaust. **No kits required.**

To exhaust dryer through sides or bottom, install a DK1 Sales Accessory (Directional Exhaust Kit 528P3). Available as optional equipment at extra cost.

Exhaust System Materials

Exhaust duct must be four inches (10.2 cm) in diameter without obstructions. Rigid metal duct is recommended. Non-combustible semirigid flexible metal duct is acceptable.

DO NOT use plastic pipe, foil pipe, or flexible plastic pipe, because it contributes to poor drying performance and collects lint, which can lead to a fire hazard. To identify flexible foil or plastic duct, pinch the coils of the duct between your fingers. If the coils can be brought together, do not use the duct.



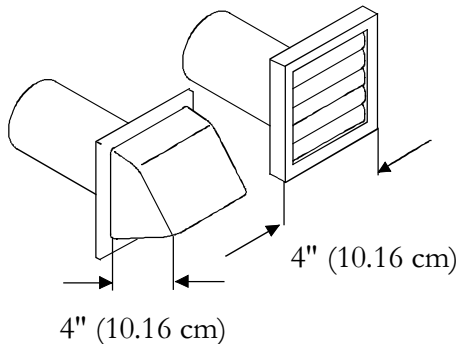
Maximum Exhaust Length

Rigid Metal Duct		
Number of 90° Elbows	Weather Hood 4-inch Opening	Weather Hood 2½-inch Opening
0	44 feet (13.4 m)	34 feet (10.4 m)
1	34 feet (10.4 m)	26 feet (7.9 m)
2	26 feet (7.9 m)	20 feet (6.1 m)
3	20 feet (6.1 m)	14 feet (4.3 m)

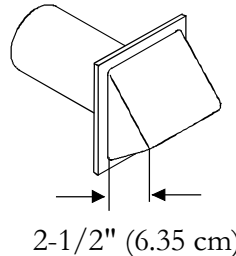
Flexible Metal Duct		
Number of 90° Elbows	Weather Hood 4-inch Opening	Weather Hood 2½-inch Opening
0	24 feet (7.3 m)	20 feet (6.1 m)
1	20 feet (6.1 m)	16 feet (4.9 m)
2	16 feet (4.9 m)	12 feet (3.7 m)
3	12 feet (3.7 m)	8 feet (2.4 m)

NOTE: Deduct 6 feet (1.8 m) for each additional elbow.

Recommended Weather Hood



Recommended for Short Runs Only



3 CONNECT GAS SUPPLY

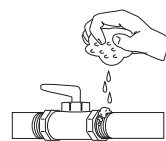
L.P./Propane

DO NOT connect dryer to L.P./Propane gas service without converting the gas valve. An LPK1 Sales Accessory L.P./Propane Gas Conversion Kit 649P3 must be installed.

Test for Gas Leaks

After final gas connection is made, turn on manual gas valve and test all connections in gas supply piping for gas leaks. Leak testing of the appliance shall be conducted according to the manufacturer's instructions.

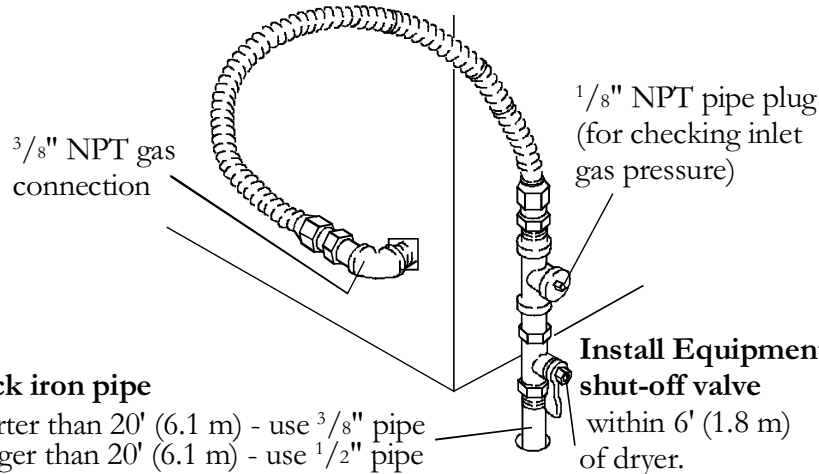
- Place soap suds on connections.
- If bubbles appear, a leak is present. Shut off gas supply valve.
- Tighten joint if leak is at factory fitting.
 - If leak is not at factory fitting, unscrew, apply more joint compound, and tighten to correct leak.
- Retest connection for leak after tightening or adding joint compound.
 - Retest any connections that were disturbed.



Connect gas supply to dryer using a new stainless steel flexible connector or hard pipe (check local codes) according to illustration. Test for leaks and check burner flame after gas supply is connected. See *Checking Burner Flame* section on next page.

- Dryer must be connected to type of gas as shown on nameplate located in the door recess.
- Use pipe joint compound insoluble on LP (propane) Gas, or Teflon tape, on all pipe threads.
- Purge air and sediment from gas supply line before connecting it to the dryer. Before tightening the connection, purge remaining air from gas line to dryer until odor of gas is detected. This step is required to prevent gas valve contamination.

Use new stainless steel flexible connector only if allowed by local codes (Use Design A.G.A. certified connector)



Black iron pipe

Shorter than 20' (6.1 m) - use 3/8" pipe
Longer than 20' (6.1 m) - use 1/2" pipe

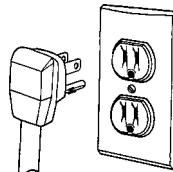
For proper operation at altitudes above 2,500 feet

The natural gas valve spud orifice size must be reduced to ensure complete combustion. See table.

Altitude Ft (M)	Orifice Size #	Part number
3000 (915)	43	503778
6000 (1830)	44	58719
8000 (2440)	45	503779
9000 (2740)	46	503780
10000(3050)	47	503781

4 CONNECT POWER CORD TO ELECTRICITY

See *Installation Requirements* section. Plug dryer into **3-prong grounded outlet only.**



5 POSITION AND LEVEL DRYER

Place dryer in position, adjust all legs (4) until dryer is level side to side and front to back.

