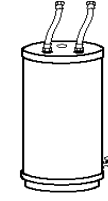




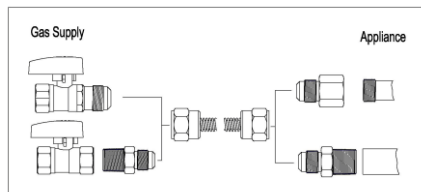
CrownFlex™ Gas Connectors



PLEASE READ and follow all installation and safety instructions carefully when working on any gas piping system.
When there are any doubts, call a licensed plumber or your local gas company.

Safety Instructions

1. A readily accessible manual shutoff valve must be available upstream of the connector assembly.
2. The gas outlet shall be in the same room as the appliance, and the connector **must not** be *concealed within or run through any wall, floor or partition.
3. Do not install underground, or in contact with ground surface.
4. The connector should be of proper length and BTU capacity to reach from the gas supply line to the appliance inlet without stretching.
5. Do not use a connector that is kinked, twisted, or bent smaller than 1-1/2 inch internal diameter. If a sharp bend is needed use a proper pipe fitting.
6. Connectors are designed for only occasional movement after the installation. Avoid repeated bending, flexing or vibrations after the installation.
7. Connectors are for use only on piping systems having fuel gas pressure not in excess of 1/2" PSI.
8. Connector nut **must not** be connected directly to pipe threads. Use only the flare to pipe adapter fittings provided.
9. **Do not reuse a gas connector.** When an appliance is moved or replaced then a new connector and end fittings must be used.
10. The final assembly shall be tested for leaks. **Test for leaks with approved leak test solution.** Do not test for leaks with an open flame, matches, or candles or any other sources of ignition
11. **Warning**-Extra strength cleaning solutions or chemical substances must not come in contact with the connector. These may include acids, solvents, solder fluxes and any liquid with chlorine such as laundry bleach or dish detergent. Complete all soldering prior to installation of gas connectors.



Installation Instructions

1. Shut off the gas with the shut-off valve near the appliance on the gas supply line. If a shut-off valve is not present on the gas line, it is recommended that you consult a licensed plumber for proper installation. A shut off valve is not included with this connector.
2. Apply thread sealant or thread tape to the pipe threads only. **Do not use thread sealant or thread tape on any flare ends.** Keep flare end of the fitting and flare seats of the connector free of grease, oil, pipe thread sealant and thread tape.
3. Hand tighten the connector and the adapter fitting to the appliance inlet.
4. Wrench tighten the fitting first then tighten the connector nut while using another wrench to stable the fitting. **Be sure to use an open-end or adjustable wrench only.**
5. Attach the fitting onto the shut-off valve. Hand tighten it as tightly as possible. Then tighten the fitting with wrench, while using another wrench to stable the valve. Repeat same procedure to tighten the connector nut to the fitting. If the shut-off valve has a flare end (as shown in the left drawing) then attach the connector nut directly to the valve and tighten it the same way as tighten the adapter fitting.
6. Turn on the gas and check for leaks with an approved leak test solution.
7. If leak or gas odor is detected turn off the gas and loosen the fitting. Clean the fitting and follow the instructions again to reinstall and test. If there is still leaks turn off the gas valve and have a qualified person correct the problem.
8. Rinse off the leak detector with water after testing.

Manufacturer assumes no responsibilities for product failure due to improper installations

Crown Industries – 9928 Bell Ranch Dr. Santa Fe Springs, CA. 90670

*** Definition; The gas connector cannot be in a concealed un-accessible location when attached to the appliance. The appliance and gas connector can be located in a closet with door as long as the appliance and gas connector is accessible for inspections. No part of the gas connector shall be hidden inside of a wall, flooring or partition.**