

# stream33®

INSTALLATION & USERS' INSTRUCTIONS  
DESIGN CERTIFIED FOR INDOOR & OUTDOOR USE  
(1/2" I.D.)

DESIGN COMPLIES WITH THE FOLLOWING STANDARDS: ANSI Z21.24-2006/CSA 6.10-2006 CONNECTORS FOR GAS APPLIANCES. ANSI Z21.75-2007/CSA 6.27-2007 CONNECTORS FOR OUTDOOR GAS APPLIANCE AND MANUFACTURED HOMES.

Connectors are for ease of installation and proper alignment of fixed on piping system appliances using natural or liquefied petroleum (LP) gases at pressures not to exceed 1/2 PSI (3.5kPa). Improper use must be avoided.

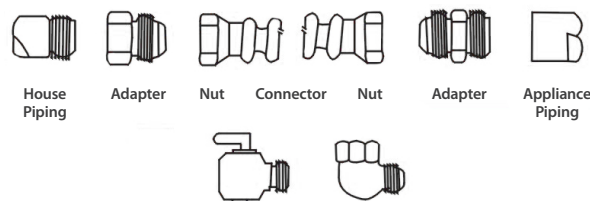
**WARNING: EXTRA STRENGTH CLEANING SOLUTIONS OR CHEMICAL SUBSTANCES MUST NOT COME IN CONTACT WITH THE CONNECTOR. THESE MAY INCLUDE ACIDS, SOLVENTS, SOLDER FLUXES WITH ZINC CHLORIDE, AMMONIA, CHLORINATED CHEMICALS AND ANY LIQUID WITH CHLORIDES SUCH AS LAUNDRY BLEACH OR DISH DETERGENT.**

- Leak check final assembly. Use non-corrosive gas leak test solution, where the seeping bubbles will indicate a leak. Do not use dish washing detergent.
- **CAUTION:** Matches, candles, open flame or other sources of ignition should not be used for leak checking. Rinse all connections with water and dry as leak test solution may cause corrosion.
- Connectors are designed for occasional movement after installation. Repeated bending, flexing, torsion or vibration must be avoided. Normal operation of a clothes dryer, tube heaters or similar gas appliance does not constitute extreme vibration or movement.
- Gas connectors contact with foreign objects, such as electrical wiring, copper or iron pipe, paneling, wall studs and sheet metals must be avoided.
- **DO NOT REUSE:** The connectors and fittings are designed for use only on the original installation and not to be reused for another gas appliance or at another location.
- 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, door or partition.
- The gas connector shall be of adequate length to reach from the gas supply line to the appliance without stretching.
- Flare seats must be kept clean and free of sealing compounds, grease and oil.
- The connector shall not be used if kinked, twisted or bent smaller than 1-1/2" internal diameter (i.e., approximately the diameter of a golf ball).
- A readily accessible manual gas shutoff valve must be installed between the gas supply pipe and the gas connector.
- Gas connector installation for a fixed appliance for indoor installation must be in accordance with the National Fuel Code, ANSI Z233.1/NFPA54 and/or CAN/CGA B149-latest edition, Installation Codes.
- **FOR YOUR SAFETY:** If you smell gas, turn off the gas supply to the appliance and have a licensed professional correct the source of leak.
- Gas connector use is intended for the gas connection between the gas supply and the gas inlet of a fixed appliance for indoor installation.
- Gas connector is not to be used for a connection to an LP gas cylinder mounted on or adjacent to a park trailer or the manufactured (mobile) home or a residence.
- Gas connector is not to be installed underground or use in contact with the ground, the connector must not be concealed within or run through any wall, floor or partition.
- An appliance connector valve must be installed between the gas supply pipe and the gas connector.
- A new connector must be installed if outdoor appliance is replaced.
- Gas connector must be replaced if it is exposed to fire or its coating is damaged.
- The final assembly must be tested for leaks. **CAUTION:** Test for leaks only with leak test solution. Rinse with clean water after leak testing. **DO NOT USE OPEN FLAME TO TEST FOR GAS LEAKS.**
- Connector not to be used for infrared radiant tube heaters.
- Gas connector may be used to connect appliances inside park trailers (ANSI A119.5) and inside manufactured homes (ANSI Z23.1) having a total appliance rating or section rating not in excess of the following:

Nominal Connector Series (ID)	Straight Length Capacity - BTU/Hr				
	12"	18"	24"	36"	48"
1/2"	180,000	164,200	150,000	125,000	106,000
BTU/Hr (W) 0.64 Sp Gr, 1000 BTU/Cu Ft (37.2 MJ/Cu Meter) Gas at 0.5" Water Column (124Pa) Pressure Drop					

NOTE: When using 0.2" water column pressure drop, capacity can be determined by multiplying the figures above by 0.632.

**CAUTION: CONNECTOR NUTS MUST NOT BE CONNECTED DIRECTLY TO PIPE THREADS. THIS CONNECTOR MUST BE INSTALLED WITH ADAPTERS PROVIDED.**



Note: Adapters shown are typical

