

Stainless Steel Gas Appliance Connectors

Use with natural gas, LP gas-air mixtures, or LP gas systems. Additional lengths are available; call 1-800-GRAINGER (472-4643). Certified for indoor and outdoor use.

Connectors comply with ANSI Z21.24 CSA 6.10, ANSI Z21.75/CSA 6.27, and NY MEA #376-92M.

Note: Code requires that a manual shutoff valve be installed on the gas line ahead of the connector. A new connector must be used on all new or moved appliances (ANSI Z21.24).



For Use With	Connection	Outside Dia. (in.)	24" Length Connector Flow (Btu)	Item No.	36" Length Connector Flow (Btu)	Item No.	48" Length Connector Flow (Btu)	Item No.	60" Length Connector Flow (Btu)	Item No.
10 Series										
Gas Log Sets and Space Heaters	3/8" MIP x 3/8" FIP*	3/8"	—	—	33,400	18D821	—	—	—	—
LP Gas Air Mixtures, LP Gas Systems, Manufactured Gas Air Mixtures, Natural Gas Air Mixtures	1/2" MIP x 1/2" FIP	5/8"	—	—	—	—	106,000	3VU97	93,200	3VU98
20 Series										
Gas Dryers and Gas Water Heaters	1/2" MIP x 1/2" FIP	1/2"	85,000	1PX46	71,100	1PX47	60,500	1PX48	—	—
	1/2" MIP x 3/8" FIP*	1/2"	—	—	—	—	60,500	18D826	53,200	18D828
	1/2" MIP x 3/8" FIP*	1/2"	—	—	—	—	—	—	53,200	18D829
LP Gas Air Mixtures, LP Gas Systems, Manufactured Gas Air Mixtures, Natural Gas Air Mixtures	1/2" MIP x 3/8" FIP*	1/2"	—	—	—	—	60,500	3VU94	53,200	3VU95
	1/2" MIP x 1/2" FIP	1/2"	—	—	—	—	—	—	53,200	3VU93
30 Series										
Furnace, Range	1/2" MIP x 1/2" FIP	5/8"	150,000	6CNC7	125,000	6CNC8	—	—	—	—
	1/2" MIP x 1/2" FIP	5/8"	150,000	6CNC2	—	—	—	—	—	—
	3/4" MIP x 3/4" FIP*	5/8"	150,000	6CNA6	—	—	—	—	—	—
	1/2" FIP x 1/2" FIP*	5/8"	150,000	18D830	—	—	—	—	—	—
	1/2" FIP x 1/2" FIP*	5/8"	150,000	1PX50	125,000	1PX51	—	—	—	—
	1/2" MIP x 1/2" MIP*	5/8"	—	—	125,000	18D831	—	—	93,200	18D836
Gas Ranges and Gas Furnaces	1/2" MIP x 1/2" MIP*	5/8"	—	—	125,000	1PX49	—	—	—	—
	1/2" MIP x 3/4" FIP*	5/8"	—	—	—	—	106,000	1PX53	93,200	18D837
	3/4" FIP x 3/4" FIP*	5/8"	—	—	—	—	106,000	18D835	—	—
	3/4" FIP x 3/4" FIP*	5/8"	—	—	—	—	—	—	—	—
40 Series										
Tankless Water Heaters and Boilers	3/4" MIP x 3/4" FIP	1"	290,900	2GMF2	—	—	—	—	—	—
41 Series, PVC Coated										
Tankless Water Heaters and Boilers	3/4" MIP x 3/4" FIP	1"	290,900	2GMF3	255,900	2GMF4	—	—	—	—

* Yellow safety shield coating.

Food Service Gas Connectors and Kits, Quick Disconnects, and Fittings



ANSI and CSA Certified.

Gas Connector Kits, 4XR86 and 4XR87—Include 48" hose with antimicrobial PVC coating, SnapFast quick disconnect, restraining cable, and mounting hardware. Comply with ANSI Z21.69/CSA-6.16, ANSI Z21.41/CSA 6.9, and ANSI Z22.1NFPA 54.

SafetyQuik Quick Disconnect Shut Off Valves—Gas connector cannot be disconnected until the gas flow is shut off or opened until the gas connector is reattached. Safety thermal shutoff stops the flow of gas when the internal temperature exceeds 350°F.

SnapFast Quick Disconnect Couplings—Safety thermal shutoff stops flow of gas when internal temperature exceeds 350°F.

SwivelMax Swivel Fittings—Allow complete 360° multiplane movement.



Size	L (in.)	Btu Cap.	Mfr. Model	Item No.
Blue Hose Gas Connector Kits				
1/2"	48	68,000	1650BPQR48	4XR86
3/4"	48	180,000	1675BPQR48	4XR87
Blue Hose Gas Connectors				
1/2"	48	106,000	1650BP48	2GMF5
3/4"	48	225,000	1675BP48	2GMF6
1"	48	451,000	16100BP48	18D838
Blue Hose Gas Safety Kits				
1/2"	36	77,000	1650BPQR36	18D839
3/4"	36	218,000	1675BPQR36	18D840
1"	36	379,000	16100BPQR36	18D841
1"	48	334,000	16100BPQR48	18D842
SafetyQuik Quick Disconnect Shut Off Valves				
1/2 in	—	11,000	CF-50	4XR90
3/4 in	—	237,000	CF-75	4XR91
1 in	—	360,000	CF-100	18D844
SnapFast Quick Disconnect Coupling				
1/2 in	—	—	A50	4XR88
3/4 in	—	—	A75	4XR89
1 in	—	—	A100	18D843
SwivelMax Swivel Fittings				
1/2 in	—	190,000	SM50	4XR96
3/4 in	—	229,000	SM75	4XR97
1 in	—	457,000	SM100	18D845



Pressurized Expansion Tanks

- Max. pressure: 150 psi
- Max. temp.: 200°F
- Precharged to 40 psi; field adjustable

Diaphragm-style tanks are designed to control pressure buildup in open water systems. Steel tank construction with flexible double butyl diaphragm. NSF/APMO compliant.



Tank (gal.)	H (in.)	Di. (in.)	Outlet (in.)	Inlet/Outlet NPT (in.)	Item No.
2.1	11 ^{3/16}	8	3/4	M	3GVU8
4.8	14 ^{1/2}	11	3/4	M	3GVU9
9	18 ^{29/32}	12 ^{1/2}	3/4	M	3GVX1



Braided Connectors

- Max. working pressure @ 70°F: 250 psi
- Temp. range: 40° to 180°F

Flexible, corrosion-resistant connectors install without tools, washers, rings, inserts, or sleeves; no cutting required. Stainless steel hose cover, PVC hose tube. Nuts and barb made from high-quality brass. Can be used for hot and cold potable water. All models are IAPMO Listed and NSF Certified.



Faucet	Hose I.D.	Inlet Size (in.)	Inlet Type	Outlet (in.)	Outlet Type	Hose Length	Item No.
3/8 in	3/8	1/2	Compression	3/8	Compression	20 in	45RC29
1/2 in	1/2	1/2	FIP	1/2	FIP	20 in	45RC26
Ice Machine							
3/8 in	3/8	1/4	Compression	3/8	Compression	10 ft	45RC22
Toilet Supply Line							
3/8 in	3/8	3/8	Compression	3/8	FIP	9 in	45RC24
Washing Machine							
3/8 in	3/8	3/4	FIP	3/4	FIP	4 ft	45RC25
Water Heater							
3/8 in	3/8	3/4	FIP	3/4	FIP	12 in	45RC42
1/2 in	1/2	3/4	FIP	3/4	FIP	15 in	45RC43