

**TABLE 3-4**  
**Capacities of Listed Metal Appliance Connectors<sup>1</sup>**  
 For use with gas pressures 8-inch or more water column (1.99-kPa)

Semirigid Connector O.D. <sup>2</sup> Inches (mm)	Flexible Connector Nominal I.D. <sup>3</sup> Inches (mm)	Capacities for Various Lengths in Thousands Btu/h (based on a pressure drop of 0.2 inch (10.2 mm) water column) Natural Gas <sup>4</sup> of 1,100 Btu/cu. ft. (11.4 W/L)								
		1'	1-1/2'	2'	2-1/2'	3'	4'	5'	6'	
		All Gas Appliances						Ranges and Clothes Dryers		
3/8 (9.5)	1/4 (6.4)	40	33	29	27	25				
1/2 (12.7)	3/8 (9.5)	93	76	66	62	58				
5/8 (15.9)	1/2 (12.7)	189	155	134	125	116	101	90	80	
—	3/4 (19.1)	404	330	287	266	244				
—	1 (25.4)	803	661	573	534	500				

**Notes:**

- <sup>1</sup> Gas connectors are certified by the testing agency as complete assemblies, including the fittings and valves. Capacities shown are based on the use of fittings and valves supplied with the connector.
- <sup>2</sup> Outside diameter.
- <sup>3</sup> Internal diameter.
- <sup>4</sup> For liquefied petroleum gas, use 1.6 times the natural gas capacities shown.

**TABLE 3-5**  
**Capacities of Listed Metal Appliance Connectors<sup>1</sup>**  
 For use with gas pressures less than 8-inch water column (1.99-kPa)

Semirigid Connector O.D. <sup>2</sup> Inches (mm)	Flexible Connector Nominal I.D. <sup>3</sup> Inches (mm)	Capacities for Various Lengths in Thousands Btu/h (based on a pressure drop of 0.2 inch (10.2 mm) water column) Natural Gas <sup>4</sup> of 1,100 Btu/cu. ft. (11.4 W/L)								
		1'	1-1/2'	2'	2-1/2'	3'	4'	5'	6'	
		All Gas Appliances						Ranges and Clothes Dryers		
3/8 (9.5)	1/4 (6.4)	28	23	20	19	17				
1/2 (12.7)	3/8 (9.5)	66	54	47	44	41				
5/8 (15.9)	1/2 (12.7)	134	110	95	88	82	72	63	57	
—	3/4 (19.1)	285	233	202	188	174				
—	1 (25.4)	567	467	405	378	353				

**Notes:**

- <sup>1</sup> Gas connectors are certified by the testing agency as complete assemblies, including the fittings and valves. Capacities shown are based on the use of fittings and valves supplied with the connector.
- <sup>2</sup> Semirigid connector listings are based on the outside diameter.
- <sup>3</sup> Flexible connector listings are based on nominal diameter.
- <sup>4</sup> For liquefied petroleum gas, use 1.6 times the natural gas capacities shown.