



FALCON STAINLESS INC.

Where Quality Flows In Your Direction

BTU Rating

Connector Minimum Flow Capacity - For Natural Gas (per ANSI Z21.24/CSA 6. 10 & ANSI Z21.75/CSA 6.27)

Straight Length Capacity - BTU per Hr 0.64 SG., 1000 BTU per Cu. Ft. at 0.5 inch Water Column (124 Pa) Pressure Drop

Series	Nominal OD (in)	Nominal ID (in)	12"	18"	24"	30"	36"	48"	60"	72"
3/8"	3/8"	1/4"	48,000	43,800	40,000	36,400	33,400	28,300	24,900	23,100
1/2"	1/2"	3/8"	102,000	93,100	85,000	77,100	71,100	60,500	53,200	49,100
5/8"	5/8"	1/2"	180,000	164,200	150,000	136,000	125,000	106,000	93,200	86,000
1"	1"	3/4"	349,000	318,500	290,500	270,000	255,900	215,000	197,400	173,900

Connector Minimum Flow Capacity - For Propane Gas (per ANSI Z21.24/CSA 6. 10 & ANSI Z21.75/CSA 6.27)

Straight Length Capacity - BTU per Hr 1.55 SG., 2500 BTU per Cu. Ft. at 0.5 inch Water Column (124 Pa) Pressure Drop

Series	Nominal OD (in)	Nominal ID (in)	12"	18"	24"	30"	36"	48"	60"	72"
3/8"	3/8"	1/4"	76,800	70,080	64,000	58,240	53,440	45,280	39,840	36,960
1/2"	1/2"	3/8"	163,200	148,960	136,000	123,360	113,760	96,800	85,120	78,560
5/8"	5/8"	1/2"	288,000	262,720	240,000	217,600	200,000	169,600	149,120	137,600
1"	1"	3/4"	558,400	509,600	465,440	432,800	409,440	344,000	315,840	278,240

Note: When using 0.2 water column pressure drop, capacity can be determined by multiplying the values above by 0.632 (for both natural and propane gas). For capacities at other than noted, contact Falcon Stainless Inc. at 1-800-814-8444