

## BTU Flow Capacities

Dormont gas connectors are design certified for a maximum operating pressure of 0.5 psig. Minimum required BTU capacities for gas connectors (B & BP models) are defined by ANSI Z21.69/CSA 6.16. Flow capacities for connector assemblies exclude manual shut-off valves. BTU capacities decrease when the length of the connector increases.

Flow rating BTU 0.64 SP.GR @ 0.5 IN. W C Pressure Drop

### Safety System Moveable Gas Connectors

Part #	Inside Dia.	12"	24"	36"	48"	60"	72"
1650B, 1650BP	1/2"	152,000	150,000	120,000	106,000	93,000	87,000
1650BQ, BPQ, BPCF		98,000	87,000	77,000	68,000	60,000	55,000
1675B, 1675BP	3/4"	326,000	291,000	256,000	225,000	198,000	175,000
1675BQ, BPQ, BPCF		260,000	232,000	218,000	180,000	158,000	139,000
16100B, 16100BP	1"	652,000	582,000	512,000	451,000	397,000	350,000
16100BQ, BPQ, BPCF		425,000	414,000	379,000	334,000	294,000	279,000
16125B, 16125BP	1-1/4"	1,204,000	1,075,000	946,000	833,000	733,000	645,000
16125BQ, BPQ		783,000	699,000	615,000	541,000	476,000	419,000

### Safety System Moveable Gas Connectors with Safety Quik and Swivel Max Fittings

Part #	Inside Dia.	12"	24"	36"	48"	60"	72"
1650BPQS, BPCFS	1/2"	92,000	81,000	72,000	63,000	56,000	51,000
1650BPQ2S, BPCF2S		88,000	77,000	69,000	60,000	54,000	48,000
1675BPQS, BPCFS	3/4"	242,000	216,000	203,000	167,000	147,000	130,000
1675BPQ2S, BPCF2S		230,000	205,000	193,000	160,000	140,000	124,000
16100BPQS, BPCFS	1"	396,000	385,000	353,000	310,000	274,000	260,000
16100BPQ2S, BPCF2S		377,000	366,000	336,000	295,000	261,000	247,000
16125BPQS	1-1/4"	556,000	535,000	491,000	482,000	463,000	460,000
16125BPQ2S		482,000	472,000	461,000	449,000	441,000	440,000

### Stationary Gas Connectors

Part #	Inside Dia.	12"	24"	36"	48"	60"	72"
1650NPFS	1/2"	152,000	150,000	120,000	106,000	93,000	86,000
1675NPFS	3/4"	326,000	291,000	256,000	225,000	198,000	175,000
16100NPFS	1"	652,000	582,000	512,000	451,000	397,000	350,000
16125NPFS	1-1/4"	1,204,000	1,075,000	946,000	833,000	733,000	645,000

### Swivel Max Fitting

Part #	Inside Dia.	BTU Rating
SM50	1/2"	190,000
SM75	3/4"	229,000
SM100	1"	457,000
SM125	1-1/4"	1,101,000

### Safety Quik QDV Fitting

Part #	Inside Dia.	BTU Rating
CF-50	1/2"	111,000
CF-75	3/4"	237,000
CF-100	1"	360,000