

GAS APPLIANCE CONNECTORS

CONNECTOR FLOW CAPACITY - ENGLISH PER ANSI Z21.24 • CSA 6.10 & ANSI Z21.75 • CSA 6.27*

| Connector Series | Nominal Connector I.D. Inch | STRAIGHT LENGTH CAPACITY - BTU PER HOUR | | | | | | | |
|------------------|-----------------------------|---|---------|---------|---------|---------|---------|---------|---------|
| | | 12" | 18" | 24" | 30" | 36" | 48" | 60" | 72" |
| CSSL/ CSST | 1/4 | 48,000 | 43,800 | 40,000 | 36,400 | 33,400 | 28,300 | 24,900 | 23,100 |
| CSSD | 3/8 | 102,000 | 93,100 | 85,000 | 77,100 | 71,100 | 60,500 | 53,200 | 49,100 |
| CSSC | 1/2 | 180,000 | 164,200 | 150,000 | 136,000 | 125,000 | 106,000 | 93,200 | 86,000 |
| CSSB | 3/4 | 290,900 | 290,900 | 290,900 | 270,500 | 255,900 | 215,000 | 197,400 | 173,900 |

0.64 Sp Gr, 1000 BTU per Cu. Ft. (37.2 MJ/m³) gas at 0.5 inch water column (124Pa) pressure drop.
Per ANSI Z21.24 • CSA 6.10 and ANSI Z21.75 • CSA 6.27 for use with pressures not to exceed 1/2 PSI.

Connectors should be sized based upon the appliance gas consumption rate. Select a connector with a capacity equal to or greater than appliance input rate.

* The flow capacities in the above charts are the minimum performance criterion established in ANSI Z21.24 • CSA 6.10 and ANSI Z21.75 • CSA 6.27. The flow capacity of BrassCraft connectors, regardless of end fitting or valve (Safety+PLUS® Excess Flow or Gas Ball) assembly, exceeds these minimum flow requirements.

CONNECTOR CAPACITY WITH EXCESS FLOW VALVE

| Connector Series | Nominal Connector I.D. Inch | STRAIGHT LENGTH CAPACITY - BTU PER HOUR | | | | | | | |
|------------------|-----------------------------|---|----------|----------|----------|----------|----------|---------|---------|
| | | 12" | 18" | 24" | 30" | 36" | 48" | 60" | 72" |
| CSSL / CSST | 1/4 | 48,000♦ | 43,800♦ | 40,000♦ | 36,400♦ | 33,400♦ | 28,300♦ | 24,900♦ | 23,100♦ |
| CSSD | 3/8 | 102,000✖ | 93,100✖ | 85,000✖ | 77,100✖ | 71,100✖ | 60,500♦ | 53,200♦ | 49,100♦ |
| CSSC | 1/2 | 150,000✓ | 143,000✓ | 130,000✓ | 128,000✓ | 125,000✓ | 106,000✓ | 93,200✖ | 86,000✖ |
| CSSB | 3/4 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

♦ - Sold with Series 1540 Excess Flow Valve.

✖ - Sold with Series 1550 Excess Flow Valve.

✓ - Sold with Series 1560 Excess Flow Valve.

This technical product data sheet and all information contained herein is the confidential and exclusive property of BrassCraft Manufacturing, and shall not be disclosed to others without the written consent of BrassCraft. This technical product data sheet must be returned to BrassCraft if requested.

| | | |
|---------------------------------|------------------------|----------------|
| Tech. Product Data Sheet Number | © 2006 BrassCraft Mfg. | Revision Level |
| 800.09 | Page 1 of 1 | (C) |