

GAS APPLIANCE CONNECTORS

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

Connector Series	Nominal Connector I.D. Inch	STRAIGHT LENGTH CAPACITY - WATTS							
		0.30m (12")	0.46m (18")	0.61m (24")	0.76m (30")	0.91m (36")	1.22m (48")	1.52m (60")	1.83m (72")
CSSL/ CSST	1/4	14,067	12,837	11,723	10,668	9,789	8,294	7,297	6,770
CSSD	3/8	29,893	27,285	24,911	22,596	20,837	17,731	15,591	14,390
CSSC	1/2	52,752	48,122	43,961	39,858	36,634	31,066	27,314	25,380
CSSB	3/4	85,254	85,254	85,254	79,276	74,997	63,010	57,852	50,965

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 - WATTS							
		0.30m (12")	0.46m (18")	0.61m (24")	0.76m (30")	0.91m (36")	1.22m (48")	1.52m (60")	1.83m (72")
CSSL/ CSST	1/4	14,067♦	12,837♦	11,723♦	10,668♦	9,789♦	8,294♦	7,297♦	6,770♦
CSSD	3/8	29,893*	27,285*	24,911*	22,596*	20,837*	17,731♦	15,591♦	14,390♦
CSSC	1/2	43,921✓	41,872✓	40,407✓	37,479✓	36,634✓	31,066✓	27,314*	25,380*
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.

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