



SERIES GB-10

SPECIFICATIONS

GENERAL SPECIFICATIONS

The Conbraco GB-10 Series manually operated gas ball valve is made from ASTM B584 grade bronze material for superior corrosion protection. They fully comply with AGA standard #3-88, ANSI Z21.15.CGA9.1 as well as CR91-002 for manually operated valves. They are ideally suited for bubble tight shut-off low-pressure gas line service.

CONBRACO SPECIFICATIONS

All ball valves shall comply with AGA standard 3-88, ANSI Z21.15.CGA9.1 and CR91-002.

The ball valves shall be 100% made and tested in the USA.

The manufacturing facility shall be ISO 9001 REGISTERED.

The body of the valve shall be composed of ASTM B 584 UNS Alloy C84400 bronze materials.

The ball shall be made of ASTM B-16 chrome plated brass.

All valves shall be rated up to 5 p.s.i. No higher pressure ratings shall be displayed on the body of the valve.

The valves shall be manufactured by CONBRACO INDUSTRIES, INC., Matthews, North Carolina.

Manually Operated Gas Ball Valve

Sizes 3/8"–1"



FEATURES

- 3/8" through 1" sizes
- 100% AMERICAN made
- Higher BTU capacities
- Fully complies with AGA 3-88, ANSI Z21.15.CGA9.1 and CR91-002 requirements.
- Specially designed for indoor installations up to 5 psi
- Available in three handle configurations

APPROVALS

- **ANSI Z21.15.CGA9.1** This standard applies to devices which are intended for use on gas-fired appliances with natural, manufactured and mixed gas, liquified petroleum (LP) gases and LP gas-air mixtures at pressures not in excess of 1/2 psig.
- **AGA 3-88** This standard applies to gas piping between the meter outlet and the inlet connection to the valve of a gas appliance. It is capable of operation at ambient temperatures between 32F and 125F and at pressures up to 5 psig. This standard does not apply to outdoor use.
- **CR91-002** These standards apply to the same conditions as above, but for Canadian installations.

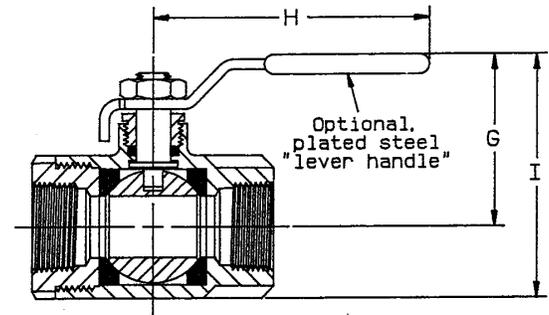
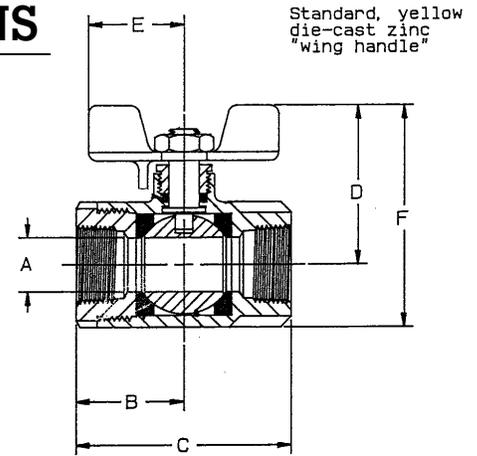


PART NUMBER SPECIFICATION

Standard "Wing" Handle	Optional "Lever" Handle	Optional "Tee" Handle
3/8" GB-10 (51GB201)	3/8" GB-10-L (51GB2L1)	3/8" GB-10-T (51GB2T1)
1/2" GB-10 (51GB301)	1/2" GB-10-L (51GB3L1)	1/2" GB-10-T (51GB3T1)
3/4" GB-10 (51GB401)	3/4" GB-10-L (51GB4L1)	3/4" GB-10-T (51GB4T1)
1" GB-10 (51GB501)	1" GB-10-L (51GB5L1)	1" GB-10-T (51GB5T1)

MATERIAL SPECIFICATION / DIMENSIONS

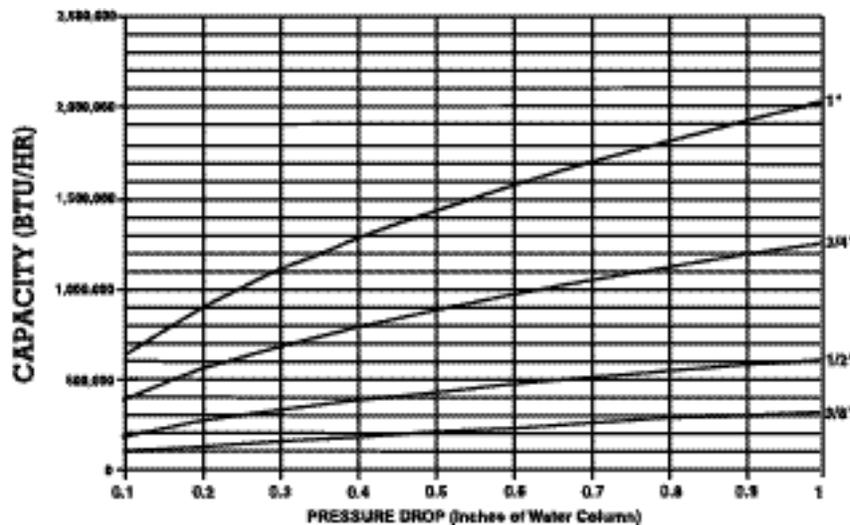
Body	Bronze ASTM B584 UNS Alloy C84400
Retainer Screw	Brass ASTM B-16
Gland Screw	Brass ASTM B-16
Seats	Virgin PTFE (Teflon)
Stem Packing	Reinforced PTFE (15% Glass Teflon)
Stem Bearing	Virgin PTFE (Teflon)
Stem	Brass ASTM B-16
Ball	Brass ASTM B-16, Chrome Plated
Hex Nut	Steel ASTM A563 Grade A, Zinc Plated



BRONZE FULL PORT MAIN BURNER GAS BALL VALVE

NUMBER	SIZE	A	B	C	D	E	F	G	H	I	Wt.
51-GB2-01	3/8"	.38	1.02	2.04	1.63	.87	2.16	1.70	3.85	2.23	.56
51-GB3-01	1/2"	.50	1.14	2.32	1.63	.87	2.22	1.72	3.85	2.31	.63
51-GB4-01	3/4"	.68	1.47	2.97	2.22	1.37	3.00	2.02	4.75	2.80	1.39
51-GB5-01	1"	.87	1.66	3.33	2.27	1.37	3.18	2.15	4.75	3.05	1.72

CAPACITIES



PLUMBING & HEATING PRODUCTS DIVISION

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