

GB-50/GB-50A Series

CSA and UL Listed Gas Shut-Off Valve



GB-50



GB-50A



| | |
|------------------|--|
| Job Name: | |
| Job Location: | |
| Engineer: | |
| Contractor: | |
| Tag: | |
| PO#: | |
| Rep: | |
| Wholesale Dist.: | |

DESCRIPTION

Designed for "main burner" applications with cast-in single or dual pilot tap. ASTM B584 bronze body, chrome-plated ball, brass stem, retainer and gland screws for corrosion resistance. Single or double side taps for pilot light or pressure gauge connections.

FEATURES

- For Natural Gas, Manufactured and Mixed Gas, Liquefied Petroleum Gases and LP Gas-Air Mixtures
- Rated Pressures of 1/2, 2 and 5 psig
- Standard Connection is FNPT x FNPT
- High BTU Capacity
- Reversible Plated Steel Lever Handle
- **Made in USA**

OPTIONS

- (-07) Tee Handle
- 1/8" Side Tap - Standard
- 1/4" Side Tap (1" and Larger)
- Dual Tap (3/4" and Larger) -A Suffix

STANDARD MATERIALS LIST

| | |
|---------------------|------------------------------------|
| BODY | ASTM B584 Bronze |
| BALL | ASTM B16 Brass, Chrome Plated |
| STEM PACKING | RPTFE |
| SEAT | PTFE |
| STEM/GLAND | ASTM B16 Brass |
| RETAINER | ASTM B16 Brass |
| HANDLE/NUT | Steel, Zinc Plated, Plastisol Grip |

CSA LISTED

- ANSI Z21.15, CGA9.1
- ASME B16.44 (2 and 5 psig)

UL LISTED

- UL 125 - Flow Control Valves for LP-Gas, Guide YSDT to 250 psi max
- UL 842 - Valves for Flammable Fluids, Guides YRBX, YRPV, and MHKZ to 250 psi max.

DIMENSIONS

| MODEL NO. SINGLE TAPPED | MODEL NO. DUAL TAPPED | SIZE (IN.) | TAPPING | DIMENSIONS (IN.) | | | | | | | | | | CAPACITY BTU/HR. |
|-------------------------|-----------------------|------------|---------|------------------|------|------|------|------|------|------|------|------|------------|------------------|
| | | | | A | B | C | D | E | F | G | H | I | | |
| 50GB-301 | -- | 1/2 | 1/8 | 0.50 | 1.11 | 2.25 | 1.68 | 3.85 | 2.27 | 1.00 | 0.53 | - | 693,000 | |
| 50GB-401 | 50GB-401A | 3/4 | 1/8 | 0.75 | 1.26 | 2.67 | 1.93 | 3.85 | 2.72 | 1.12 | 0.75 | 2.24 | 1,258,000 | |
| 50GB-501 | 50GB-501A | 1 | 1/8 | 1.00 | 1.65 | 3.42 | 2.19 | 4.78 | 3.18 | 1.53 | 0.94 | 3.06 | 3,144,000 | |
| 50GB-601 | 50GB-601A | 1-1/4 | 1/8 | 1.25 | 1.87 | 3.86 | 2.37 | 4.78 | 3.56 | 1.62 | 1.15 | 3.24 | 6,441,000 | |
| 50GB-701 | 50GB-701A | 1-1/2 | 1/8 | 1.50 | 2.05 | 4.22 | 2.81 | 5.40 | 4.21 | 1.81 | 1.31 | 3.62 | 7,745,000 | |
| 50GB-801 | 50GB-801A | 2 | 1/8 | 2.00 | 2.48 | 5.02 | 3.18 | 5.40 | 4.93 | 2.18 | 1.68 | 4.36 | 14,741,000 | |
| 50GB-5A1 | 50GB-5A1A | 1 | 1/4 | 1.00 | 1.65 | 3.42 | 2.19 | 4.78 | 3.18 | 1.53 | 0.94 | 3.06 | 3,144,000 | |
| 50GB-6A1 | 50GB-6A1A | 1-1/4 | 1/4 | 1.25 | 1.87 | 3.86 | 2.37 | 4.78 | 3.56 | 1.62 | 1.15 | 3.24 | 6,441,000 | |
| 50GB-7A1 | 50GB-7A1A | 1-1/2 | 1/4 | 1.50 | 2.05 | 4.22 | 2.81 | 5.40 | 4.21 | 1.81 | 1.31 | 3.62 | 7,745,000 | |
| 50GB-8A1 | 50GB-8A1A | 2 | 1/4 | 2.00 | 2.48 | 5.02 | 3.18 | 5.40 | 4.93 | 2.18 | 1.68 | 4.36 | 14,741,000 | |

*Note: Capacities based on 1000 BTU/cubic feet gas at 0.64 specific gravity, at a P.D. of 1" W.C.

