

# 77G-UL Series

Full Port CSA/UL Bronze Gas Shut-Off Valve



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

## DESCRIPTION

The Apollo 77G-UL series ball valve is a UL and CSA listed fuel shut off valve approved for a variety of flammable gases and liquids. Cast and machined in Apollo's South Carolina manufacturing plants, these valves feature a durable bronze body, premium "multi-fill" MPTFE seats and stem packing, and a "Solid Ball" design that delivers true full port flow performance.

## FEATURES

- Blowout-Proof Stem Design
- ASTM B584 Bronze
- Maximum Body Pressure: 600 psig CWP
- MSS SP-110 Ball Valves
- **Proudly Made in USA**

## CSA LISTED

- CSA Rating: 125 psig
- CSA Rating: -20°F to 150°F
- CSA to ASME B16.33, 125
- CGA 3.16-M88, 125

## UL LISTED

- UL 125 - Flow Control Valves for LP-Gas, Guide YSDT to 250 psi max
- UL 258 - Fire Protection Trim & Drain, Guide VQGU to 175psi max
- UL 842 - Valves for Flammable Fluids, Guides YRBX, YRPV, and MHKZ to 250 psi max.
- UL 1477 - Compressed Gas Shutoff Valves, Guide YQNZ to 250 psi max

## PERFORMANCE RATING

- Maximum Body Pressure: 600 psig CWP
- Temperature Range CSA: -20°F to 150°F
- Pressure CSA: Up To 125 psig
- Pressure UL: 250 psig max @ 125°F
- Service:
  - **A** (Air or Non-Toxic, Non-Flammable Gas)
  - **G** (City Gas Supplied by Public Utilities)
  - **Ga** (Gasoline)
  - **LP** (Liquefied Petroleum Gases)
  - **02** (Nos. 1 & 2 Fuel Oil)
  - **04** (No. 4 Fuel Oil)
  - **05** (No. 5 Fuel Oil)
  - **06** (No. 6 Fuel Oil)
  - **S** (Steam 150 psig)

## STANDARD MATERIALS LIST

<b>GLAND NUT</b>	ASTM B16 Brass
<b>NUT</b>	Zinc Plated Steel
<b>PACKING</b>	Multi-Fill PTFE
<b>SEATS</b>	Multi-Fill PTFE
<b>STEM</b>	ASTM B16 Brass
<b>BALL</b>	ASTM B16 Brass Chrome Plated or B283, C37700 Chrome Plated
<b>RETAINER</b>	ASTM B505 Bronze (1/2") Cast Bronze B584 (3/4" - 1")
<b>BODY</b>	B584 Bronze
<b>HANDLE</b>	Zinc Plated Steel/Vinyl

## DIMENSIONS

PART NUMBER	SIZE (IN.)	DIMENSIONS (IN.)					WT. (LB.)
		A	B	C	D	E	
77G-103-UL	1/2	0.50	1.19	2.35	1.80	3.74	0.68
77G-104-UL	3/4	0.75	1.42	2.74	1.98	4.78	1.26
77G-105-UL	1	1.00	1.64	3.18	2.18	4.78	2.08

