

# ICC-ES Report

## PMG-1237

ICC-ES | (800) 423-6587 | (562) 699-0543 | [www.icc-es.org](http://www.icc-es.org)

Reissued 03/2018  
This report is subject to renewal 03/2019

EVALUATION SUBJECT:

## FORGED FULL PORT THREADED & PRESS END BRASS BALL VALVES

**DIVISION:**

22 00 00—PLUMBING

**SECTION:**

22 11 16—DOMESTIC WATER PIPING  
22 09 00—INSTRUMENTATION AND CONTROL FOR  
PLUMBING

Report Holder:

**CONBRACO INDUSTRIES, INC. (APOLLO VALVES)**

701 MATTHEWS-MINT HILL ROAD  
MATTHEWS, NC 28105

Look for the ICC-ES marks of Conformity!



## ICC-ES PMG Product Certificate

**PMG-1237**



Effective Date: March 2018

This listing is subject to re-examination in one year.

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CSI: DIVISION: 22 00 00 — PLUMBING  
Section: 22 11 16 — Domestic Water Piping  
Section: 22 09 00 — Instrumentation and Control for Plumbing

### Product certification system:

The ICC-ES product certification system includes testing samples taken from the market or supplier's stock, or a combination of both, to verify compliance with applicable codes and standards. The system also involves factory inspections, and assessment and surveillance of the supplier's quality system.

Product: Forged Full Port Threaded & Press End Brass Ball Valves

Listee: Conbraco Industries, Inc. (Apollo Valves)  
701 Matthews-Mint Hill Road  
Matthews, NC 28105  
[www.apollovalves.com](http://www.apollovalves.com)

### Compliance with the following codes:

2018, 2015, 2012, 2009, 2006 *International Plumbing Code (IPC)*  
2018, 2015, 2012, 2009, 2006 *International Residential Code® (IRC)*  
2015, 2012, 2009, 2006 *Uniform Plumbing Code® (UPC)\**  
2010, 2005 *National Plumbing Code of Canada® (NPC)†*

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†National Plumbing Code of Canada is a copyrighted publication of the National Research Council Canada

### Compliance with the following standards:

IAPMO Z1157-2014e1 Ball Valves  
IAPMO IGC 157-2013 Ball Valves  
NSF/ANSI 61-2017 Drinking Water System Components – Health Effect

### Identification:

Each valve shall be permanently and legibly marked with following information:

- (a) Manufacturer's name or trademark
- (b) Nominal valve size
- (c) Rated working pressure
- (d) The ICC-ES PMG listing mark

### Installation:

Each ball valve shall be installed in accordance with the manufacturer's installation instructions and the applicable codes.

Model:

<u>Model Number</u>	<u>Description</u>
77F-101-01	1/4", NPT, C37700 Brass Ball & Stem
77F-102-01	3/8", NPT, C37700 Brass Ball & Stem
77F-103-01*	1/2" NPT ball valve
77F-104-01*	3/4" NPT ball valve
77F-105-01*	1" NPT ball valve
77F-106-01*	1-1/4" NPT ball valve
77F-107-01*	1-1/2" NPT ball valve
77F-108-01*	2" NPT ball valve
77F-109-01	2-1/2" NPT, C37700 Brass Ball & Stem
77F-100-01	3" NPT, C37700 Brass Ball & Stem
77F-10A-01	4" NPT, C37700 Brass Ball & Stem
77F-203-01*	1/2" Sweat ball valve
77F-204-01*	3/4" Sweat ball valve
77F-205-01*	1" Sweat ball valve
77F-206-01*	1-1/4" Sweat ball valve
77F-207-01*	1-1/2" Sweat ball valve
77F-208-01*	2" Sweat ball valve
77F-209-01	2-1/2" SOLDER, C37700 Brass Ball & Stem
77F-200-01	3" SOLDER, C37700 Brass Ball & Stem
77F-20A-01	4" SOLDER, C37700 Brass Ball & Stem
77FLF-101-01	1/4", NPT, C27451 Brass Ball & Stem
77FLF-102-01	3/8", NPT, C27451 Brass Ball & Stem
77FLF-103-01	1/2" NPT ball valve
77FLF-104-01	3/4" NPT ball valve
77FLF-105-01	1" NPT ball valve
77FLF-106-01	1-1/4" NPT ball valve
77FLF-107-01	1-1/2" NPT ball valve
77FLF-108-01	2" NPT ball valve
77FLF-109-01	2-1/2" NPT, C27451 Brass Ball & Stem
77FLF-100-01	3" NPT, C27451 Brass Ball & Stem
77FLF-14A-01	4" NPT, C27451 Brass Ball & Stem
77FLF-203-01	1/2" Sweat ball valve
77FLF-204-01	3/4" Sweat ball valve
77FLF-205-01	1" Sweat ball valve
77FLF-206-01	1-1/4" Sweat ball valve
77FLF-207-01	1-1/2" Sweat ball valve
77FLF-208-01	2" Sweat ball valve
77FLF-209-01	2-1/2" SOLDER, C27451 Brass Ball & Stem
77FLF-200-01	3" SOLDER, C27451 Brass Ball & Stem
77FLF-24A-01	4" SOLDER, C27451, Stainless Steel Ball & Stem
77V-103-01*	1/2" Press-fit ball valve
77V-104-01*	3/4" Press-fit ball valve
77V-105-01*	1" Press-fit ball valve
77V-106-01*	1-1/4" Press-fit ball valve

77V-107-01*	1-1/2" Press-fit ball valve
77V-108-01*	2" Press-fit ball valve
77V-109-01	2-1/2" PRESS, C37700 Brass Ball & Stem
77V-100-01	3" PRESS, C37700 Brass Ball & Stem
77V-10A-01	4" PRESS, C37700 Brass Ball & Stem
77V-143-01	1/2", PRESS, Stainless Steel Ball & Stem
77V-144-01	3/4", PRESS, Stainless Steel Ball & Stem
77V-145-01	1", PRESS, Stainless Steel Ball & Stem
77V-146-01	1-1/4", PRESS, Stainless Steel Ball & Stem
77V-147-01	1-1/2", PRESS, Stainless Steel Ball & Stem
77V-148-01	2", PRESS, Stainless Steel Ball & Stem
77VLF-103-01	1/2" Press-fit ball valve
77VLF-104-01	3/4" Press-fit ball valve
77VLF-105-01	1" Press-fit ball valve
77VLF-106-01	1-1/4" Press-fit ball valve
77VLF-107-01	1-1/2" Press-fit ball valve
77VLF-108-01	2" Press-fit ball valve
77VLF-109-01	2-1/2" Press-fit ball valve
77VLF-100-01	3" PRESS, C27451 Brass Ball & Stem
77VLF-14A-01	4" PRESS, C27451 Brass Ball & Stem
77VLF-143-01	1/2", PRESS, Stainless Steel Ball & Stem
77VLF-144-01	3/4", PRESS, Stainless Steel Ball & Stem
77VLF-145-01	1", PRESS, Stainless Steel Ball & Stem
77VLF-146-01	1-1/4", PRESS, Stainless Steel Ball & Stem
77VLF-147-01	1-1/2", PRESS, Stainless Steel Ball & Stem
77VLF-148-01	2", PRESS, Stainless Steel Ball & Stem

Model with "\*" at end indicated that valve is not intended for drinking water application.

#### Conditions of Listing:

1. The Conbraco Industries' Ball Valves recognized in this listing must be installed in accordance with the manufacturer's published installation instructions and the applicable codes.
2. The Conbraco Industries' Ball Valves recognized in this listing are manufactured in Pageland, South Carolina under a quality control program with annual inspection by ICC-ES.