

# IMPORTANT

These valves are designed in accordance with ANSI Z21.15./CGA9.1 Manual Valves, ASME B16.44-2002, and CR91-002, for the following service applications: natural gases, Manufactured gases, liquefied petroleum gases, and LP gas- air mixtures.  
MAXIMUM RECOMMENDED SERVICE PRESSURE IS 5 PSI AT TEMPERATURES FROM 32 F° TO 125 F°.

FOLLOWING ARE SAFE GUARDS THAT MUST BE CONSIDERED PRIOR TO INSTALLATION.

EASE OF OPERATION: BALL VALVES ARE EASIER TO OPERATE THAN OTHER TYPES OF SHUT-OFF VALVES. WHEN THESE VALVES ARE INSTALLED SO THAT THERE IS A POSSIBILITY THAT THE HANDLES CAN BE HOOKED OR SNAGGED, APPROPRIATE ACTION TO PREVENT ACCIDENTAL OR UN-WANTED OPENING OR CLOSING OF THE VALVE MUST BE TAKEN. VIBRATIONS IN, THROUGH OR AROUND THE VALVE CAN ALSO CAUSE ACCIDENTAL OR UN-WANTED OPENING OR CLOSING OF THE VALVE.

SUPPORTS: VALVES SHOULD NEVER BE INSTALLED IN SUCH A MANNER THAT THEY ARE REQUIRED TO CARRY THE WEIGHT OF THE LINE. PROVIDE PROPER SUPPORTS.

INSPECTION: INSPECT PIPE CONNECTIONS AND REMOVE ANY DIRT, DEBRIS, OR BURRS WHICH MAY ADVERSELY AFFECT VALVE OPERATION. LINES SHOULD BE BLOWN CLEAN BEFORE INSTALLATION.

INSTALLATION: THE USE OF THREAD OR PIPE SEALANT IS RECOMMENDED WHEN MAKING JOINTS. TWO TO FOUR WRAPS OF PTFE PIPE TAPE (OR PIPE DOPE, BUT NOT BOTH), IS RECOMMENDED. FIT FLAT JAWS OF PROPERLY SIZED WRENCH OVER VALVE HEX FLATS AT THE END WHERE CONNECTION IS BEING MADE. A PIPE WRENCH IS FOR PIPE NOT FOR VALVES. NEVER APPLY AN INSTALLATION TORQUE THROUGH THE VALVE AND DO NOT OVER TIGHTEN. WITH A PROPER APPLICATION OF THREAD SEALANT, A SEAL CAN BE ACHIEVED WITHOUT USING AN EXCESSIVE AMOUNT OF TURNING EFFORT.

FITTINGS: USE ONLY FITTINGS OR PIPING THAT IS COMPATIBLE WITH THE VALVES BEING USED TO PREVENT BREAKAGE AND/OR LEAKAGE.

FLUID COMPATIBILITY: CONSIDER THE CORROSIVE, EROSION, AND ADHESIVE EFFECTS OF FLUIDS ON THE VALVE COMPONENTS. IT IS YOUR RESPONSIBILITY TO ENSURE THAT THE VALVE IS COMPATIBLE WITH THE MATERIAL USED IN THE SYSTEM.

TESTING: ONCE INSTALLATION IS COMPLETE, PRESSURIZE ENTIRE SYSTEM WITH AIR TO CHECK FOR LEAKS. WITH A SOAP SOLUTION, THOROUGHLY WET ENTIRE VALVE AND THREAD CONNECTIONS TO INSPECT FOR BUBBLES.



**CALIFORNIA PROP 65: WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

In accordance with the **U.S. Safe Drinking Water Act (SDWA)**, it is illegal to use this product in the United States for potable water services (water intended for human consumption).

**"Apollo" Valves**  
Manufactured by Conbraco Industries, Inc.