

# BALL DRIP VALVES



## Automatic Ball Drip Valve

When properly installed, the internal ball rests in the lower most area of the valve body allowing for proper drainage of moisture accumulation. Upon system pressurization, the internal ball is “pushed” into the small end of the ball drip body closing the opening. When system pressure is removed, the ball returns to its original position. One of the most common uses is on the dry side of the Fire Department Connection valve. This use helps keep moisture from accumulating inside the Fire Department Connection. Designed for horizontal installation only.

### Construction:

Body: Cast Brass\*  
Ball: Brass\*

**Connection:** Straight Connection NPT Both Sides

**Working Pressure:** 175 psi

\*Contains lead.  
Not for use in water systems intended for human consumption

SIZE	A
1/2" (12 mm)	2-11/16" (68.26 mm)
3/4" (19 mm)	3-1/2" (88.9 mm)

**65-20-180:** 1/2" x 1/2" MNPT  
**65-20-179:** 3/4" x 3/4" MNPT

## Installation

Proper installation of the brass ball drip can be accomplished with standard piping installation tools.  
Make sure the threads are clean and free from burrs & debris. Apply a thread sealant suitable for the materials being joined such as Tuf-Glide Thread Sealant, or PTFE tape.  
When using a paste type sealant, make sure to brush the sealant deep into the root of the threads.  
Thread the ball drip into female threads hand tight.  
Finish tightening with a pipe wrench up to one full turn.  
**Do not over tighten. Over tightening may damage threads and ball drip.**  
Finish piping to allow for proper drainage.  
**Valve opens by force of gravity only.**  
**Use only in the horizontal position.**

System No.		Location		Spec Section		Paragraph	
Submitted By		Date		Approved		Date	