

TECH-NOTE



For more information contact...

WOODFORD MANUFACTURING COMPANY, LLC

2121 Waynoka Road, Colorado Springs, Colorado 80915 • Phone: (800) 621-6032

To view our complete product line visit: www.woodfordmfg.com or email: sales@woodfordmfg.com

How a Freeze-Proof Yard Hydrant Works

CLOSED

When the hydrant is closed, no water is in the riser pipe or head. The plunger stops water below the frost line where freezing can not occur.

OPEN - WATER FLOWING

Water flows when the handle is raised. The plunger is lifted allowing water to flow while sealing the drain hole.

CLOSED - DRAINING

Closing the handle pushes the plunger down to shut off the water and open the drain hole. **With the hose disconnected** this allows the water in the head and riser pipe to drain into the gravel bed. The hydrant is now empty and cannot freeze.



THE ONLY POSSIBLE CAUSE OF THE BURSTING OF THE HYDRANT HEAD OR TUBE IS AN OBSTRUCTION SUCH AS A HOSE BEING LEFT ON IN FREEZING CONDITIONS OR THE IMPROPER INSTALLATION OF THE PRODUCT THAT PREVENTS THE WATER FROM DRAINING