Engineering Specification

Model G Check Valve

**Recommended CSI MasterFormat Specification Location: 21 13 00, Fire Suppression Sprinkler Systems (formerly 13930)**

Check valves shall be **[**cULus Listed**]** **[**FM Approved**]** for use in wet-pipe or dry-pipe fire protection systems for installation in the vertical or horizontal position. Check valve construction shall be cast iron with bronze seat with a straight flow design, spring loaded type. Check valve size shall be **[**1½” (40mm)**] [**2” (50mm)**]** **[**2½” (65mm)**] [**76mm**] [**3” (80mm)**]** **[**4” (100mm)**] [**6” (150mm)**] [**165mm**] [**8” (200mm)**]** **[**10” (250mm)**]** with grooved end connections per ANSI/AWWA C606. The check valve shall be provided with ½” NPT (R½) connections on both the supply side and the discharge side. The check valve shall have a rated working pressure of **[**300 psi for nominal sizes 1½” (40mm) through 2” (50mm)**]** [250 psi for nominal sizes 2 ½” (65mm) through 8” (200mm)**]** [300 psi for nominal size of 10” (250mm)**]**.

Check valve shall be the Reliable Model G swing check valve. Refer to Reliable Bulletin 807 for associated information.