Engineering Specification

Model FX Dry-Pipe Valve

**Recommended CSI MasterFormat Specification Location: 21 13 16, Dry-Pipe Sprinkler Systems (formerly 13935)**

Dry-pipe valve shall be a **[**cULus Listed**] [**FM Approved**]** differential style clapper dry-pipe valve. Valve construction shall be ductile iron and utilize a stainless-steel seat and clapper assembly with a single hinge pin. Clapper gasket shall be integrated into the seat assembly and the valve trim shall be galvanized. Dry-pipe valve shall have an external reset feature and not require priming water.The dry-pipe valve shall be activated by a loss of supervisory pneumatic pressure based on a differential of six (6) to one (1) of the hydraulic pressure side versus the pneumatic pressure side, respectively. Supervisory pressure to be per the manufacturer’s published requirements. Dry-pipe valve shall have a rated working pressure of **[for 2” valve:** 250 psi (17.2 bar)**]** **[**300 psi (20.7)**]**. Valve size shall be **[**2” (50mm)**]** **[**2½” (65mm)**] [**76mm**] [**3” (80mm)**]** **[**4” (100mm)**] {cULus Listed only: [**6” (150 mm)**] [**165 mm**]}** with **[**Groove/Groove**] {for 4” and 6” valves only: [**Flange/Groove**]** **[**Flange/Flange**]}** end connections. **{**Flanged end connections shall be in accordance with **[**ANSI B16.1 (125 lb)**] [**BS10 BS-E**] [**ISO 7005-2 PN16**]**.**}** **[**Grooved end connections shall be per ANSI/AWWA C606.**]**

Dry-pipe valve shall be the Reliable Model FX. Refer to Bulletin 360 for associated information.