Engineering Specification

Model KFR-CCS Concealed Combustuble Space

Automatic Sprinklers

**Recommended CSI MasterFormat Specification Location: 21 13 00, Fire Suppression Sprinkler Systems (formerly 13900)**

Sprinklers shall be a specific application concealed combustible space sprinkler, Model KFR-CCS that is cULus Listed. Sprinkler frame and deflector shall be of bronze frame construction having a ½” NPT thread. Water seal assembly shall consist of an approved beryllium-nickel fusible solder link assembly, utilizing a strut and lever principal of operation, with PTFE-coated nickel sealing washer and bronze alloy cap containing no plastic parts. Sprinkler temperature rating shall be 212°F (100°C). Sprinklers shall have a nominal K-factor of 5.6 gpm/psi1/2 (81.0 l/min/bar1/2) – standard orifice. Sprinklers shall have a rated working pressure of 175 psi (12.1 bar). Standard finish shall be Bronze.

Sprinklers shall be Reliable Model KFR-CCS, SIN RA4454. Refer to Reliable Technical Bulletin 044 for associated sprinkler information.