Engineering Specification

Model Attic Series Automatic Sprinklers

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

Sprinklers shall be a specific application attic sprinklers, **[**Model DD dual direction upright**] [**Model DS direction single upright**] [**Model GP general purpose upright**] [**Model AH attic hip upright**]** that is cULus Listed. Sprinkler frame and deflector shall be of bronze frame construction having a **[**½” NPT**] [**3/4” 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 **[**4.2 gpm/psi1/2 (61.0 l/min/bar1/2) – small orifice**] [**5.6 gpm/psi1/2 (81.0 l/min/bar1/2) – standard orifice**] [**8.0 gpm/psi1/2 (115 l/min/bar1/2) – large orifice**]**. Sprinklers shall have a rated working pressure of 175 psi (12.1 bar). Standard finish shall be Bronze.

Sprinklers shall be of the Reliable Attic Sprinkler Series. Refer to Reliable Technical Bulletin 056 for associated sprinkler identification number (SIN) with respect to style, orifice size and thread combination.