Engineering Specification

Model GFR VELO-ECOH Extended Coverage Ordinary Hazard Upright Automatic Sprinklers

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

Sprinklers shall be a standard response, extended coverage upright that is cULus Listed for Ordinary Hazard protection to 400 ft2 (37.2 m2) per sprinkler. Sprinkler frame and deflector shall be of bronze frame construction having a ¾” 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 **[**165°F (74°C)**] [**212°F (100°C)**]**. Sprinklers shall have a nominal K-factor of 14.0 gpm/psi1/2 (200 l/min/bar1/2) – very extra large orifice. Sprinklers shall have a rated working pressure of 175 psi (12 bar). Standard finish: **[**Bronze**] [**Chrome**] [**White Polyester**] [**Special finish – specify**]**.

Sprinklers shall be the Model GFR VELO-ECOH upright, SIN R6553. Refer to Reliable Bulletin 165 for associated sprinkler information.