Engineering Specification

Model G6-56 Series Quick Response Automatic Sprinklers

**Recommended CSI MasterFormat Specification Location: 21 13 13, Wet Pipe Sprinkler Systems (formerly 13930)**

Sprinklers shall be a cULus Listed quick-response standard spray sidewall sprinkler with G6-56 deflector and adjustable cover plate for interior, non-corrosive applications. Sprinklers to be of bronze frame construction with brass cover plate and copper alloy retainer flange assembly. Water seal assembly shall consist of a PTFE coated Belleville spring washer and machined brass cup containing no plastic parts. Method of attaching the cover plate to the sprinkler cup shall be a push-on and pull-off design allowing a ¼” cover plate adjustment. Sprinklers shall have a nominal K-factor of 5.6 gpm/psi1/2 (80 l/min/bar1/2) and ½” NPT thread. Sprinkler temperature rating shall be 165°F (74°C) with a cover plate temperature rating of 135°F (57°C). Rated working pressure shall be 175 psi (12,0 bar). A plastic protective cap shall be provided, and factory installed inside the sprinkler cup to protect the sprinkler from damage, which could occur during construction before the cover plate is installed. Standard cover plate finish: **[**White**] [**Chrome**] [**Custom Finish – specify**]**.

Concealed quick response sidewall standard spray sprinklers shall be Reliable Model G6-56, SIN RA5035, Reliable Bulletin 050.