Engineering Specification

Model KRes Series Pendent Fusible Link Residential Sprinklers

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

Sprinklers shall be residential type cULus Listed for installation in accordance with NFPA 13, NFPA 13R, and NFPA 13D. Residential sprinklers shall be installed in conformance with the manufacturer’s installation guidelines and the applicable installation standard. Sprinkler body shall be of bronze alloy construction having **[**½” NPT**] [**ISO7-1R1/2**]** threads. Thermal element shall be a nickel alloy fusible link.

Sprinkler K-factors shall be **[**3.0 gpm/psi1/2 (43.2 l/min/bar1/2)**] [**4.9 gpm/psi1/2 (70.6 l/min/bar1/2)**] [**5.8 gpm/psi1/2 (84 l/min/bar1/2)**]**. Sprinkler temperature classification shall be **[**Ordinary 165°F (74°C)**] [**Intermediate 212°F (100°C)**]**. Sprinkler finish to be **[**brass**] [**white**] [**chrome**] [**special – specify**]**.

**For recessed sprinklers, add**:

Recessed pendent sprinklers shall be installed with listed 2-piece escutcheons offering a minimum of ½” (12.7mm) of adjustment. Deflector to be located between 1-1/4” and 1-3/4” below the ceiling. Escutcheon color to be **[**brass**] [**white**] [**chrome**] [**special – specify**]** consistent with sprinkler finish.

Residential sprinklers shall be Reliable Model **[**KRes30, SIN R3591**] [**KRes49, SIN R3596**] [**KRes58, SIN R3593**].**