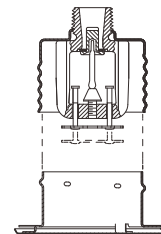


K8.0 quick response concealed pendent sprinkler

Concealed sprinkler incorporates a cover plate to conceal operational parts for aesthetic consideration. When exposed to specific temperature of fire, cover plate falls away and deflector is released to work similar as recessed sprinkler.



- Certificate: UL Listed
- Standard: UL 199, NFPA 13
- Feature: K8.0 (K115), QR, adjustable concealed pendent
- W. pressure: 175 psi
- T. pressure: 500 psi, factory hydrostatic test
- O. pressure: Min 7 psi
- Surface: Rough brass for sprinkler, chromed plated / white painted / others for cover plate



Main parts and material

Deflector / frame	Bronze / brass	Heat responsive element	Glass bulb, 3 mm diameter / Fusible alloy, nickel alloy solder link
Sealing assembly	Beryllium nickel spring + Teflon tape	Cover / cover plate	Brass, with fusible solder, domed face or flat face

Available size (Source 1 with UL)

Type	Nominal K-Factor	Response type	Temperature rating	Cover plate	Connection	Working pressure (psi)	Ref. No.
Concealed pendent	K8.0 (K115)	Quick (QR)	155°F (68°C)	135°F (57°C)	3/4", NPT or BSPT	175	S1801 (UL)
Concealed pendent	K8.0 (K115)	Quick (QR)	175°F (79°C)	165°F (74°C)	3/4", NPT or BSPT	175	S1802 (UL)
Concealed pendent	K8.0 (K115)	Quick (QR)	200°F (93°C)	165°F (74°C)	3/4", NPT or BSPT	175	S1803 (UL)

Note:

1. The concealed sprinkler is used in light hazard and ordinary hazard occupancies.
2. The cover assembly provides adjustment up to 1/2" (12.7 mm).

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Available size (Source 2 with UL)

Type	Nominal K-Factor	Response type	Temperature rating	Cover plate	Connection	Working pressure (psi)	Ref. No.
Concealed pendent	K8.0 (K115)	Quick (QR)	165°F (74°C)	135°F (57°C)	3/4", NPT or BSPT	175	S1821 (UL)
Concealed pendent	K8.0 (K115)	Quick (QR)	165°F (74°C)	165°F (74°C)	3/4", NPT or BSPT	175	S1822 (UL)
Concealed pendent	K8.0 (K115)	Quick (QR)	212°F (100°C)	135°F (57°C)	3/4", NPT or BSPT	175	S1823 (UL)
Concealed pendent	K8.0 (K115)	Quick (QR)	212°F (100°C)	165°F (74°C)	3/4", NPT or BSPT	175	S1824 (UL)

Note:

1. The concealed sprinkler is used in light hazard and ordinary hazard occupancies.
2. The cover assembly provides adjustment up to 3/4" (19.1 mm).