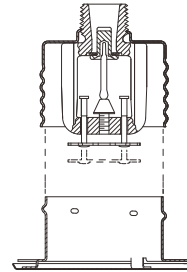


K5.6 quick response concealed pendent sprinkler

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 / FM Approved
- Standard: UL 199, NFPA 13
- Feature: K5.6 (K80), QR, adjustable concealed pendent
- W. pressure: 175 / 300 psi
- T. pressure: 500 / 600 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
Sealing assembly	Beryllium nickel or SS spring + Teflon tape	Cover / cover plate	Brass, with fusible solder

Available size (Source 1 with UL/FM)

Type	Nominal K-Factor	Response type	Temperature rating	Cover plate	Connection	Working pressure (psi)	Ref. No.
Concealed pendent	K5.6 (K80)	Quick (QR)	135°F (57°C)	135°F (57°C)	1/2", NPT or BSPT	175 / 300	S0801 (UL)
Concealed pendent	K5.6 (K80)	Quick (QR)	155°F (68°C)	135°F (57°C)	1/2", NPT or BSPT	175 / 300	S0802 (UL/FM)
Concealed pendent	K5.6 (K80)	Quick (QR)	175°F (79°C)	165°F (74°C)	1/2", NPT or BSPT	175 / 300	S0803 (UL/FM)
Concealed pendent	K5.6 (K80)	Quick (QR)	200°F (93°C)	165°F (74°C)	1/2", NPT or BSPT	175 / 300	S0804 (UL/FM)

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).
3. For high pressure type (working pressure 300 psi), it is only UL listed, not FM approved.

K5.6 quick response concealed pendent sprinkler

Available size (Source 2 with UL)

Type	Nominal K-Factor	Response type	Temperature rating	Cover plate	Connection	Working pressure (psi)	Ref. No.
Concealed pendent	K5.6 (K80)	Quick (QR)	135°F (57°C)	135°F (57°C)	1/2", NPT or BSPT	175	S0821 (UL)
Concealed pendent	K5.6 (K80)	Quick (QR)	155°F (68°C)	135°F (57°C)	1/2", NPT or BSPT	175	S0822 (UL)
Concealed pendent	K5.6 (K80)	Quick (QR)	175°F (79°C)	165°F (74°C)	1/2", NPT or BSPT	175	S0823 (UL)
Concealed pendent	K5.6 (K80)	Quick (QR)	200°F (93°C)	165°F (74°C)	1/2", NPT or BSPT	175	S0824 (UL)

Note:

1. The concealed sprinkler is used in light hazard and ordinary hazard occupancies.
2. The cover assembly provides adjustment up to 10mm.