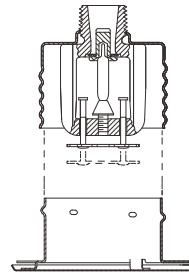


K5.6 standard response concealed pendent sprinkler

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), SR, adjustable concealed pendent
- W. pressure: 175 / 300 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, 5 mm diameter |
| Sealing assembly | Beryllium nickel or SS spring + Teflon tape | Cover / cover plate | Brass, with fusible solder |

Available size (Source 1 with UL)

| Type | Nominal K-Factor | Response type | Temperature rating | Cover plate | Connection | Working pressure (psi) | Ref. No. |
|-------------------|------------------|---------------|--------------------|--------------|-------------------|------------------------|------------|
| Concealed pendent | K5.6 (K80) | Standard (SR) | 135°F (57°C) | 135°F (57°C) | 1/2", NPT or BSPT | 175 / 300 | S0301 (UL) |
| Concealed pendent | K5.6 (K80) | Standard (SR) | 155°F (68°C) | 135°F (57°C) | 1/2", NPT or BSPT | 175 / 300 | S0302 (UL) |
| Concealed pendent | K5.6 (K80) | Standard (SR) | 175°F (79°C) | 165°F (74°C) | 1/2", NPT or BSPT | 175 / 300 | S0303 (UL) |
| Concealed pendent | K5.6 (K80) | Standard (SR) | 200°F (93°C) | 165°F (74°C) | 1/2", NPT or BSPT | 175 / 300 | S0304 (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).

K5.6 standard 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) | Standard (SR) | 135°F (57°C) | 135°F (57°C) | 1/2", NPT or BSPT | 175 | S0321 (UL) |
| Concealed pendent | K5.6 (K80) | Standard (SR) | 155°F (68°C) | 135°F (57°C) | 1/2", NPT or BSPT | 175 | S0322 (UL) |
| Concealed pendent | K5.6 (K80) | Standard (SR) | 175°F (79°C) | 165°F (74°C) | 1/2", NPT or BSPT | 175 | S0323 (UL) |
| Concealed pendent | K5.6 (K80) | Standard (SR) | 200°F (93°C) | 165°F (74°C) | 1/2", NPT or BSPT | 175 | S0324 (UL) |

Note:

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

Available size (Source 3 with UL/FM)

| Type | Nominal K-Factor | Response type | Temperature rating | Cover plate | Connection | Working pressure (psi) | Ref. No. |
|-------------------|------------------|---------------|--------------------|--------------|-------------------|------------------------|---------------|
| Concealed pendent | K5.6 (K80) | Standard (SR) | 155°F (68°C) | 139°F (59°C) | 1/2", NPT or BSPT | 175 | S0332 (UL/FM) |
| Concealed pendent | K5.6 (K80) | Standard (SR) | 175°F (79°C) | 165°F (74°C) | 1/2", NPT or BSPT | 175 | S0333 (UL/FM) |
| Concealed pendent | K5.6 (K80) | Standard (SR) | 200°F (93°C) | 165°F (74°C) | 1/2", NPT or BSPT | 175 | S0334 (UL/FM) |

Note:

1. The concealed sprinkler is used in light hazard and ordinary hazard occupancies.
2. The cover assembly provides adjustment up to 13 mm.

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