

K8.0 dry standard response upright sprinkler

Dry sprinkler is mainly used to protect areas subject to freezing temperatures. The sprinkler is secured in an extension nipple that has a seal at the inlet end to prevent water from entering the nipple until the sprinkler operates.



- Certificate: UL Listed / FM Approved
- Standard: UL 199, NFPA 13
- Feature: K5.6 (K80), dry, upright
- W. pressure: 175 psi
- T. pressure: 500 psi, factory hydrostatic test
- O. pressure: Min 12 / 7 psi
- Surface: Rough brass / chromed (Sprinkler)
Signal white / chromed (Escutcheon)



Main parts and material

| | | | |
|--------------------------|---|--------------------------------|---------------------------|
| Deflector / frame | Brass or SS | Heat responsive element | Glass bulb, 5 mm diameter |
| Nipple (Tube) | Galvanized steel pipe for outer tube, and SS for inner tube | Escutcheon | / |

Available size

| Type | Nominal K-Factor | Response type | Temperature rating | Order length (A) | Connection | Working pressure (psi) | Ref. No. |
|-------------|------------------|---------------|--------------------|------------------|-----------------|------------------------|---------------|
| Dry upright | K8.0 (K115) | SR | 135°F (57°C) | 4" to 48" | 1", NPT or BSPT | 175 | S5101 (UL/FM) |
| Dry upright | K8.0 (K115) | SR | 155°F (68°C) | 4" to 48" | 1", NPT or BSPT | 175 | S5102 (UL/FM) |
| Dry upright | K8.0 (K115) | SR | 200°F (93°C) | 4" to 48" | 1", NPT or BSPT | 175 | S5103 (UL/FM) |
| Dry upright | K8.0 (K115) | SR | 286°F (141°C) | 4" to 48" | 1", NPT or BSPT | 175 | S5104 (UL/FM) |

Note: Dry sprinklers are furnished based on Order length (A) as measured per drawing. After the measurement is taken, round it to the nearest 1/4" increment.