

K16.8 ESFR dry pendent sprinkler

ESFR 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: K16.8 (K242), dry, ESFR
- W. pressure: 175 psi
- T. pressure: 500 psi, factory hydrostatic test
- O. pressure: Refer to NFPA 13 / FM spec.
- Surface: Rough brass



Main parts and material

| | | | |
|--------------------------|-----------------------|--------------------------------|-------------------------------------|
| Deflector / frame | Brass / bronze | Heat responsive element | Fusible alloy, nickel link assembly |
| Outer tube | Galvanized steel pipe | Sealing assembly | Nickel alloy spring + Teflon tape |

Available size

| Type | Nominal K-Factor | Response type | Temperature rating | Order length (A) | Connection | Working pressure (psi) | Ref. No. |
|------------------|------------------|---------------|--------------------|------------------|---------------------|------------------------|---------------|
| ESFR dry pendent | K16.8 (K242) | ESFR | 165°F (74°C) | 18" to 36" | 1-1/2", NPT or BSPT | 175 | S6901 (UL/FM) |
| ESFR dry pendent | K16.8 (K242) | ESFR | 205°F (96°C) | 18" to 36" | 1-1/2", NPT or BSPT | 175 | S6902 (UL/FM) |