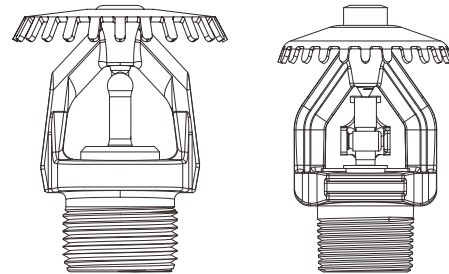


K16.8 CMDA standard response upright sprinkler

K16.8 CMDA (Control mode density area) sprinkler is mainly used to provide fire control in storage occupancies such as high-piled storage, and it complies with the design density/area criteria in NFPA 13.



- Certificate: UL Listed / FM Approved
- Standard: UL 199, NFPA 13
- Feature: K16.8 (K242), CMDA, SR, upright
- W. pressure: 175 psi
- T. pressure: 500 psi, factory hydrostatic test
- O. pressure: Min 7 psi
- Surface: Rough brass / chrome plated / white painted, etc.



Main parts and material

| | | | |
|------------------|----------------|--------------------------------|-----------------------------------|
| Deflector | Bronze / brass | Heat responsive element | Glass bulb, 5 mm diameter |
| Frame | Brass / bronze | Sealing assembly | Nickel alloy spring + Teflon tape |

Available size (Source 1 with UL/FM)

| Type | Nominal K-Factor | Response type | Temperature rating | Connection | Working pressure (psi) | Ref. No. |
|----------------------|------------------|---------------|--------------------|-------------------|------------------------|---------------|
| Storage CMDA upright | K16.8 (K242) | Standard (SR) | 155°F (68°C) | 3/4", NPT or BSPT | 175 | S7601 (UL/FM) |
| Storage CMDA upright | K16.8 (K242) | Standard (SR) | 175°F (79°C) | 3/4", NPT or BSPT | 175 | S7602 (UL/FM) |
| Storage CMDA upright | K16.8 (K242) | Standard (SR) | 200°F (93°C) | 3/4", NPT or BSPT | 175 | S7603 (UL/FM) |
| Storage CMDA upright | K16.8 (K242) | Standard (SR) | 286°F (141°C) | 3/4", NPT or BSPT | 175 | S7604 (UL/FM) |

Available size (Source 2 with UL/FM)

| Type | Nominal K-Factor | Response type | Temperature rating | Connection | Working pressure (psi) | Ref. No. |
|----------------------|------------------|---------------|--------------------|-------------------|------------------------|---------------|
| Storage CMDA upright | K16.8 (K242) | Standard (SR) | 165°F (74°C) | 3/4", NPT or BSPT | 175 | S7621 (UL/FM) |
| Storage CMDA upright | K16.8 (K242) | Standard (SR) | 212°F (100°C) | 3/4", NPT or BSPT | 175 | S7622 (UL/FM) |
| Storage CMDA upright | K16.8 (K242) | Standard (SR) | 286°F (141°C) | 3/4", NPT or BSPT | 175 | S7623 (UL/FM) |