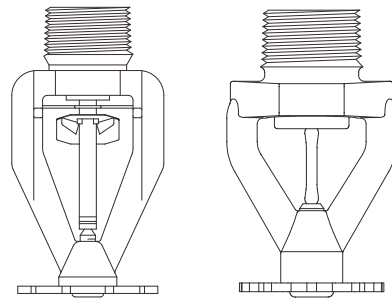


K16.8 ESFR pendent sprinkler

K16.8 ESFR (Early suppression fast response) sprinkler is designed to offer extremely fast response for specific high-challenge fire hazards. It discharges large volumes of water in short time to suppress rather than control fire.



- Certificate: UL Listed / FM Approved
- Standard: UL 199, NFPA 13
- Feature: K16.8 (K242), ESFR, pendent
- 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	Bronze / phosphor bronze	Heat responsive element	Fusible alloy, nickel link assembly / glass bulb, 3 mm diameter
Frame	Brass	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.
ESFR pendent	K16.8 (K242)	ESFR	165°F (74°C)	3/4", NPT or BSPT	175	S6401 (UL/FM)
ESFR pendent	K16.8 (K242)	ESFR	205°F (96°C)	3/4", NPT or BSPT	175	S6402 (UL/FM)
ESFR pendent	K16.8 (K242)	ESFR	212°F (100°C)	3/4", NPT or BSPT	175	S6403 (UL/FM)

Available size (Source 2 with UL/FM)

Type	Nominal K-Factor	Response type	Temperature rating	Connection	Working pressure (psi)	Ref. No.
ESFR pendent	K16.8 (K242)	ESFR	155°F (68°C)	3/4", NPT or BSPT	175	S6421 (UL/FM)
ESFR pendent	K16.8 (K242)	ESFR	200°F (93°C)	3/4", NPT or BSPT	175	S6422 (UL/FM)

K16.8 ESFR pendent sprinkler

Available size (Source 3 with CCCF)

Type	Nominal K-Factor	Response type	Temperature rating	Connection	Working pressure (psi)	Ref. No.
ESFR pendent	K16.8 (K242)	ESFR	165°F (74°C)	3/4", NPT or BSPT	175	S6431 (CCCF)