



FIRE SPRINKLER CATALOG



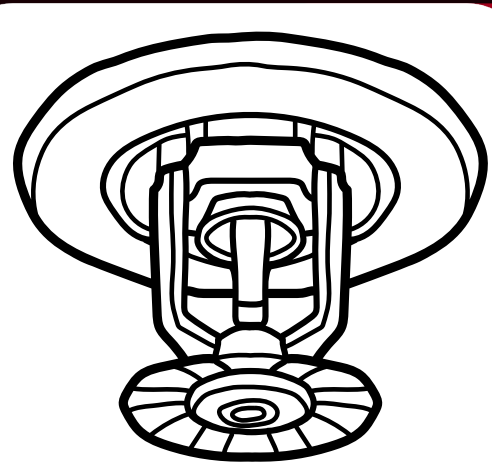
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FIRE SPRINKLERS

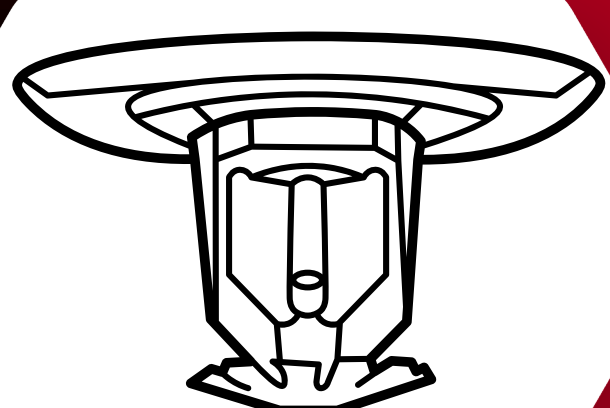


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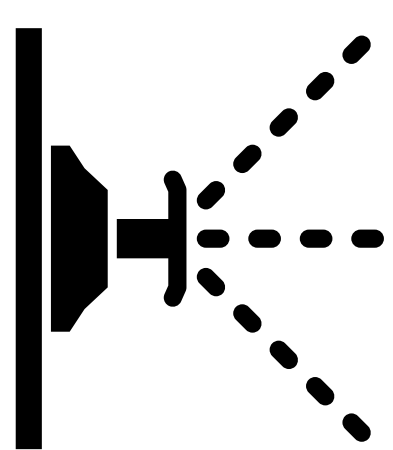
Classification



Pendent Sprinkler



Upright Sprinklers



Side Wall Sprinklers

Pendent Sprinklers

Pendent sprinklers are among the most widely used types in fire sprinkler systems. They are designed to hang down from the ceiling, with the deflector positioned below the sprinkler body. This design allows the sprinkler to distribute water in a circular pattern, covering a large area below it.

Upright Sprinklers

Upright sprinklers are installed with the deflector facing upwards. Unlike pendent sprinklers, which hang down, upright sprinklers are mounted on top of the piping system, projecting upwards.

Sidewall Sprinklers

Sidewall sprinklers are designed to be mounted on walls rather than ceilings. They have a deflector that directs the water flow outward and downward, covering an area along the wall and floor.

Technical Specification

Style	Upright, Pendent and Recessed Pendent
Temperature Response	Standard Response - 5mm glass bulb Quick Response - 3mm glass bulb
Coverage	Standard Coverage
K-Factor	8.0US (115 metric)
Nominal Thread Size	1/2" BSP & NPT
Max. Working	175 PSI(12Bar) Pressure
Factory Hydrostatic	500 PSI(35Bar) Test Pressure
Min.Operating	Min.Operating
Temp. Rating	57°C (135° F), 68°C (155° F), 79°C (175° F), 93°C (200° F)
Approvals	Non UL Listed
Finish	Brass, Chrome Plated, White Painted . White shade is RAL9010. For other shades, contact VRAJ Sales.
Ordering Information	Style, Temperature Rating & Response, Finish
SIN Number	VRX171-SR-P, Pendent VRX171-SR-SW, Side Wall VRX172-SR-UR, Upright VRX271-QR-P, Pendent VRX271-QR-SW, Side Wall VRX272-QR-UR, Upright

The Features Of Each Type Of Fire Sprinkler

Feature	Pendant Sprinkler	Upright Sprinkler	Sidewall Sprinkler
Design	Hangs down from the ceiling	Mounted with head facing upwards	Installed on the sidewall of a room
Coverage	Ideal for open areas with various ceiling heights	Covers areas with open or limited ceiling space	Effective for narrow or elongated spaces
Activation	Heat-sensitive element triggers on temperature rise	Heat-sensitive element triggers on temperature rise	Heat-sensitive element triggers on temperature rise
Aesthetics	Sleek and unobtrusive appearance	Less common in visible areas, practical for certain spaces	Discreet, used where ceiling installation is impractical
Maintenance	Regular testing and inspection required	Regular testing and inspection required	Regular testing and inspection required

The Advantages Of Fire Sprinklers

- **Effective Fire Suppression:** Quickly controls or extinguishes fires.
- **Life Safety:** Provides more time for evacuation.
- **Property Protection:** Reduces damage to property.
- **Insurance Benefits:** Lowers insurance premiums.
- **Automatic Activation:** Activates automatically at high temperatures.
- **Compliance with Codes:** Meets fire safety regulations.



THANK YOU!

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An ISO Certified company

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