

RAVEN™ INSTITUTIONAL SPRINKLERS

5.6 K-Factor, Pendent & Horizontal Sidewall Sprinklers: Quick Response Standard and Extended Coverage

// **Flush Design is Aesthetically Appealing by Concealing All Operating Parts**

// **Tamper-resistant Design Minimizes Potential for Vandalism**

// **Ideal for Dormitory, Healthcare, Detention and Correctional Facilities**



Features & Benefits:

- // 16'x16' Coverage Areas Available in Both Pendent and Horizontal Sidewall Configurations
- // Operates as Designed Should Thermal Element Become Compromised
- // Can Be Installed in Poured Concrete Applications
- // Reduce False Activations
- // Available in White or Grey Finish

RAVEN™ Institutional Pendent and Horizontal Sidewall Sprinklers are quick response spray sprinklers designed for use in correctional facilities, detention and healthcare facilities, as well as other commercial buildings.

Both the pendent and horizontal sidewall styles are available for standard or extended coverage applications.

RAVEN sprinklers are designed to be unobtrusive, to resist attracting unwanted attention and to be more tamper resistant.

With RAVEN sprinklers, owners can reduce their maintenance and administrative expenses while protecting the safety of both residents and employees.

TECHNICAL DATA

Approvals: UL and C-UL Listed

Maximum Working Pressure: 175 psi (12, bar)

Inlet Thread Connection: 1/2 inch NPT

Discharge Coefficient: K = 5.6 GPM/psi (80,6 LPM/bar)

Temperature Ratings: 165°F/74°C

Finishes:

Sprinkler: White or Grey

Escutcheon: White, Grey or Chrome

Physical Characteristics:

Body: Brass

Deflector Assembly: Bronze

Sealing Assembly: Beryllium Nickel with Teflon®

Link Assembly: Copper

Sprinkler Assemblies:

Specify: RAVEN (specify standard or extended coverage), 165°F, (specify pendent sprinkler or horizontal sidewall) with (specify finish), P/N (specify).

Standard Coverage Pendent (TY3281)

White P/N: 50-314-4-165
 Grey P/N: 50-314-9-165

Standard Coverage HSW (TY3381)

White P/N: 50-316-4-165
 Grey P/N: 50-316-9-165

Extended Coverage Pendent (TY3282)

White P/N: 50-315-4-165
 Grey P/N: 50-315-9-165

Extended Coverage HSW (TY3382)

White P/N: 50-317-4-165
 Grey P/N: 50-317-9-165

Separately Ordered Escutcheons:

Specify: Style (F or G), (specify finish), Escutcheons, P/N (specify).

Style F (3" Diameter) Carbon Steel

White P/N: 56-314-4-010
 Grey P/N: 56-314-7-010
 Chrome Coated P/N: 56-314-9-010

Style F (3" Diameter) Stainless Steel

White P/N: 56-318-4-010
 Grey P/N: 56-318-7-010
 Electropolished* P/N: 56-318-9-010

Style G (4" Diameter) Carbon Steel

White P/N: 56-312-4-010
 Grey P/N: 56-312-7-010
 Chrome Coated P/N: 56-312-9-010

Style G (4" Diameter) Stainless Steel

White P/N: 56-319-4-010
 Grey P/N: 56-319-7-010
 Electropolished* P/N: 56-319-9-010

Separately Ordered Wrench:

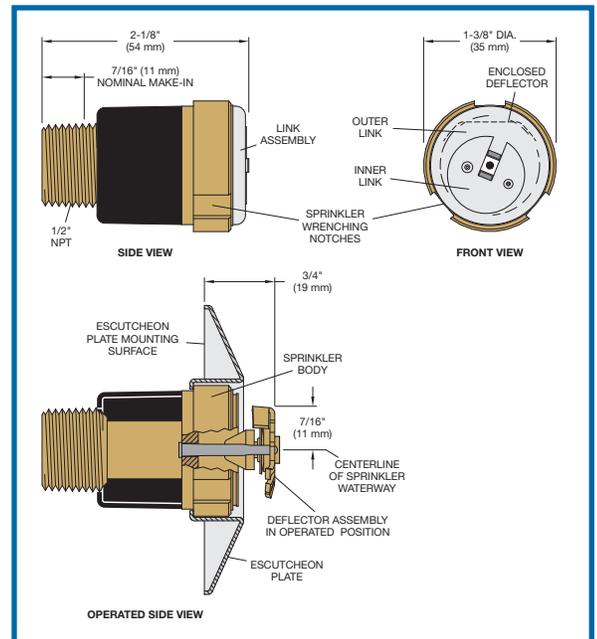
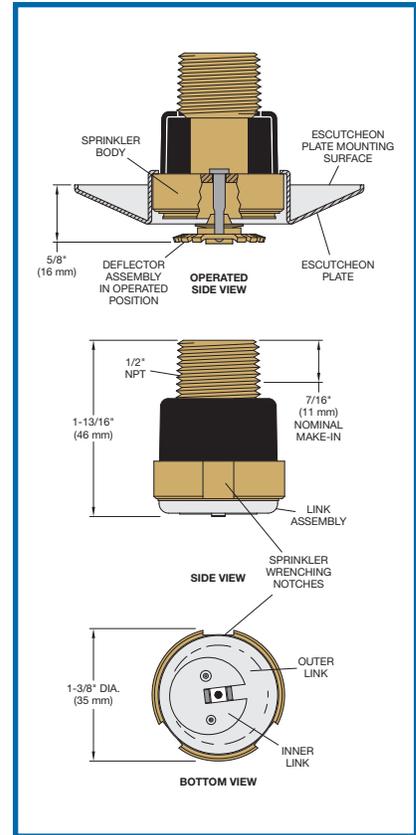
Specify: W-Type 25 Sprinkler Wrench, P/N: 56-314-1-001.

Separately Ordered Parts For Installation In Concrete Walls:

Specify: Model 1781 Centering Grommet for installation in concrete, P/N: 56-000-1-781.

Specify: Model 1780 Retaining Flange with Set Screws for installation in concrete, P/N: 56-000-1-780

* Chrome Coated Appearance



Always refer to the Technical Data Sheet TFP651 for complete description of all Listing criteria, design parameters, installation instructions, care and maintenance guidelines, and our limited warranty.