



Flush Pendent Sprinkler

ZN-RES 4.2K (SS4421)

Minimum Flow and Pressure
For ceiling types refer to NFPA 13D, 13R, or 13

Maximum Coverage Area	Ordinary Temp. Rating 162°F / 72°C	Intermediate Temp. Rating 175°F / 79°C	Heat Collector to Ceiling	Installation Type	Minimum Spacing
12' x 12' (3.7m x 3.7m)	13GPM (49.2 LPM) 9.6psi (0.66 bar)	13GPM (49.2 LPM) 9.6psi (0.66 bar)	23/32 to 1-3/32 inches (18.3 to 27.8mm)	Flush with Escutcheon	8' (2.4m)
14' x 14' (4.3m x 4.3m)	13GPM (49.2 LPM) 9.6psi (0.66 bar)	14GPM (53.0 LPM) 11.1psi (0.77 bar)			
16' x 16' (4.9m x 4.9m)	14GPM (53.0 LPM) 11.1psi (0.77 bar)	14GPM (53.0 LPM) 11.1psi (0.77 bar)			
18' x 18' (5.5m x 5.5m)	18GPM (68.1 LPM) 18.4psi (1.27 bar)	19GPM (71.9 LPM) 20.5psi (1.41 bar)			
20' x 20' (6.1m x 6.1m)	22GPM (83.3 LPM) 27.4psi (1.89 bar)				

Features

- Solder type.
- Ideal for use in wet pipe residential sprinkler systems per NFPA 13D, 13R, and 13.
- Approved for special applications with beamed ceilings.
- Can be installed in fewer steps and less time.

Required Wrench Socket: VC-H

Technical Data

Approvals	cULus Listed
K Factor	K= 4.2 (60.5)
Thread Size	1/2" NPT
Temperature	162°F / 72°C, 175°F / 79°C
Vertical Adjustment	3/8 inch (9.5 mm)
Standard Finish	White, Chrome, Black, Dark Brown

Residential Sprinklers



Flush Horizontal Sidewall Sprinkler

HF-RES 4.2K (SS4423)

Minimum Flow and Pressure
For ceiling types refer to NFPA 13D, 13R, or 13

Maximum Coverage Area	Ordinary Temp. Rating 162°F / 72°C	Top of Deflector to Ceiling	Installation Type	Minimum Spacing
12' x 12' (3.7m x 3.7m)	13GPM (49.2 LPM) 9.6psi (0.66 bar)	4 to 6 inches (101 to 152mm)	Flush with Escutcheon	8' (2.4m)
14' x 14' (4.3m x 4.3m)	16GPM (60.6 LPM) 14.5psi (1.00 bar)			
16' x 16' (4.9m x 4.9m)	20GPM (75.7 LPM) 22.7psi (1.56 bar)			

Features

- Solder type.
- Ideal for use in wet pipe residential sprinkler systems as per NFPA 13D, 13R, and 13.
- Can be installed in fewer steps and less time.

Required Wrench Socket: HF-H

Technical Data

Approvals	cULus Listed
K Factor	K= 4.2 (60.5)
Thread Size	1/2" NPT
Temperature	162°F / 72°C
Horizontal Adjustment	3/16 inch (4.7 mm)
Standard Finish	White, Chrome, Black, Dark Brown