

**DATA SHEET
#SPS109**

**MODEL H
EXTENDED/QUICK RESPONSE
EXTENDED COVERAGE
SIN: AS5634/AS8031**

Model

- "Automatic" Extended Coverage/Quick Response Extended Coverage Horizontal Sidewall Glass Bulb Sprinklers, Model H - EC/QR-EC:
 - 1/2" Orifice x 1/2" NPT
 - 17/32" Orifice x 3/4" NPT

K Factor

- 1/2" Orifice x 1/2" NPT: 5.6 (8.1)
- 17/32" Orifice x 3/4" NPT: 8.0 (11.6)

Sprinkler Identification Number (SIN)

- 1/2": AS5634
- 3/4": AS8031

Approvals

- UL Listed, ULC Listed, MEA Accepted, No. 192-98-E for Light Hazard Only

To Specify

- Furnish and install "Automatic" Sprinkler Brand Model H Extended Coverage/Quick Response Extended Coverage Horizontal Sidewall Glass Bulb Sprinkler. Style, NPT, orifice, K-Factor, finish, and temperature rating as required.

Temperature Ratings

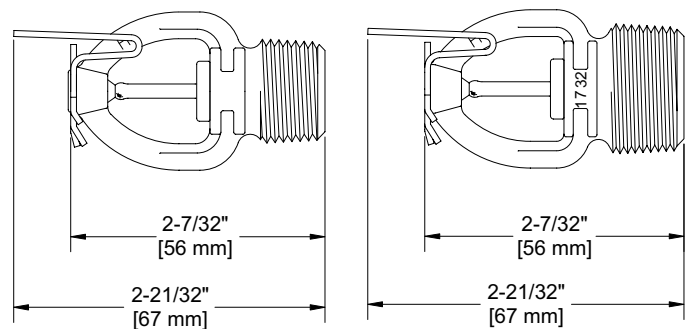
- 135°F (57°C)
- 155°F (68°C)

Finishes

- Plain Brass
- Chrome Plated
- White
- Bright Brass
- Lead Coated

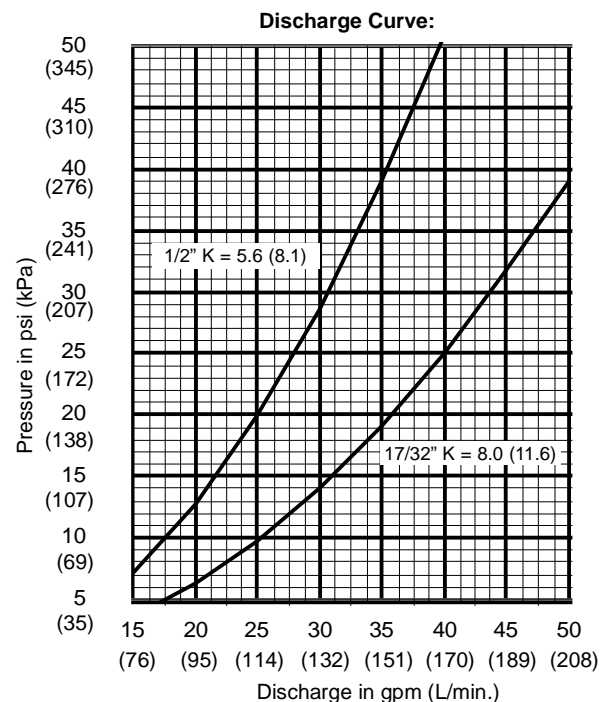
Note:

See back of page for available style, temperature rating and finish combinations.



1/2" Orifice x 1/2" NPT

7/32" Orifice x 3/4" NPT



QUICK RESPONSE SUBMITTAL SHEET

Orifice/NPT Size	Minimum Flow Rate (gpm)	Minimum Pressure (psi)	Coverage (Maximum Room Size)	EC Rating	QR-EC Rating	Deflector To Ceiling Distance
1/2" x 1/2 NPT	26	21.6	16' x 16'	None	135°F (57°C), 155°F (68°C)	4" - 12"
1/2" x 1/2" NPT	29	26.8	16' x 18'	155° (68°C)	135°F (57°C)	4" - 6"
17/32" x 3/4 NPT	30	14.1	16' x 18'	155° (68°C)	135°F (57°C)	4" - 6"
17/32" x 3/4" NPT	32	16.0	16' x 18'	155° (68°C)	135°F (57°C)	4" - 12"
17/32" x 3/4" NPT	36	20.3	16' x 20'	155° (68°C)	135°F (57°C)	4" - 12"
17/32" x 3/4" NPT	42	27.6	16' x 20'	155° (68°C)	135°F (57°C)	4" - 18"
17/32" x 3/4" NPT	38	22.6	16' x 22'	155° (68°C)	135°F (57°C)	4" - 6"
17/32" x 3/4" NPT	40	25.0	16' x 22'	155° (68°C)	135°F (57°C)	4" - 6"
17/32" x 3/4" NPT	44	30.3	16' x 24'	155° (68°C)	135°F (57°C)	4" - 6"

Notes:

1. The EC/QR-EC Horizontal Sidewall Sprinklers are for use only in light hazard occupancies having smooth flathorizontal ceilings.
2. The minimum distance along the wall between EC/QR-EC Horizontal Sidewall Sprinklers is 11 feet for 1/2" orifice, 7 feet for 17/32" orifice.
3. The maximum ambient ceiling temperature is 100°F (38°C).
4. The deflector to ceiling distance shall be measured from the top of the deflector to the ceiling.

Ordering Information

- "Automatic" Model H EC/QR-EC - 1/2" Orifice x 1/2" NPT - Horizontal Sidewall

Type	Temperature Rating	Maximum Ambient Temperature	K Factor	Finish	Stock Code No.	Submittal (Check One)
Model H	135°F (57°C) (Orange Bulb)	100°F (38°C)	5.6 (8.1)	Brass	8583010	
				Chrome	8583011	
				Lead Coated	8583013	
				White	8583017	
				Bright Brass	8583018	
Model H	155°F (68°C) (Red Bulb)	100°F (38°C)	5.6 (8.1)	Brass	8583020	
				Chrome	8583021	
				Lead Coated	8583023	
				White	8583027	
				Bright Brass	8583028	

Ordering Information

- "Automatic" Model H EC/QR-EC - 17/32" Orifice x 3/4" NPT - Horizontal Sidewall

Type	Temperature Rating	Maximum Ambient Temperature	K Factor	Finish	Stock Code No.	Submittal (Check One)
Model H	135°F (57°C) (Orange Bulb)	100°F (38°C)	8.0 (11.6)	Brass	8583510	
				Chrome	8583511	
				Lead Coated	8583513	
				White	8583517	
				Bright Brass	8583518	
Model H	155°F (68°C) (Red Bulb)	100°F (38°C)	8.0 (11.6)	Brass	8583520	
				Chrome	8583521	
				Lead Coated	8583523	
				White	8583527	
				Bright Brass	8583528	

This information is only a general guideline. The company reserves the right to change any portion of this information without notice. Terms and conditions of sale apply and are available on request.

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"Automatic" Sprinkler Fire Protection Equipment