



HYDROFIRE ΕΠΕ

Buildings - Industry - Marine – Waterworks
 END OF AG. PANTELEIMONOS Str. (ELEONAS)
 GR-12241 EGALEO,
 Tel.: +30 210 3412 749-750 Fax: +30 210 3412 406
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Victaulic® FireLock™ Series FL-QR/CNV Standard Coverage, Quick Response Conventional Sprinklers, K5.6 (8.1), K8.0 (11.5)



1.0 PRODUCT DESCRIPTION

| QUICK RESPONSE CONVENTIONAL SPRINKLERS | | | |
|--|--------------------|--------------------|--------------------|
| SIN | V2754 | V2726 | V8125 |
| ORIENTATION | Conventional | Conventional | Conventional |
| K-FACTOR ¹ | 5.6 Imp./8.1 S.I. | 5.6 Imp./8.1 S.I. | 8.0 Imp./11.5 S.I. |
| CONNECTION | ½" NPT/15mm BSPT | ½" NPT/15mm BSPT | ¾" NPT/ 20mm BSPT |
| MAX WORKING PRESSURE | 300 psi (2100 kPa) | 175 psi (1200 kPa) | 175 psi (1200 kPa) |
| GLOBE RE-DESIGNATION | - | - | GL8125 |
| GLOBE EQUIVALENT | - | GL5624 | - |

| AVAILABLE GUARDS | | |
|------------------|-------|-------|
| SPRINKLER | V2754 | V2726 |
| CONVENTIONAL | ■ | ■ |

| AVAILABLE WRENCHES | | |
|--------------------|--------------|--------------|
| SPRINKLER | V27 Open End | V11 Open End |
| V2754 AND V2726 | ■ | |
| V8125 | | ■ |

Factory Hydrostatic Test: 100% @ 500 psi/3447 kPa/34 bar

Min. Operating Pressure: UL: 7psi/48 kPa/.5 bar
 VdS: 5psi/35 kPa/.35 bar

Temperature Rating: See tables in section 2.0

¹ For K-Factor when pressure is measured in bar, multiply S.I. units by 10.0.

ALWAYS REFER TO ANY NOTIFICATIONS AT THE END OF THIS DOCUMENT REGARDING PRODUCT INSTALLATION, MAINTENANCE OR SUPPORT.





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2.0 CERTIFICATION/LISTINGS



| CONVENTIONAL APPROVALS/LISTINGS | | | |
|------------------------------------|---|--|---|
| SIN | V2754 | V2726 | V8125 |
| Nominal K Factor Imperial | 5.6 Imp. | 5.6 Imp. | 8.0 Imp. |
| Nominal K Factor S.I. ² | 8.1 S.I. | 8.1 S.I. | 11.5 S.I. |
| Orientation | Conventional | Conventional | Conventional |
| APPROVED TEMPERATURE RATINGS F°/C° | | | |
| cULus | 135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C | 135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C | - |
| LPCB | - | 135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C 360°F/182°C | - |
| CE | - | 135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C | 135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C |
| VdS | - | 135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C 286°F/141°C | - |

² For K-Factor when pressure is measured in Bar, multiply S.I. units by 10.

NOTES

- Listings and approval as of printing.
- Not to be used with recessed escutcheons.
- New York City Acceptance - All UL Listed and/or FM Approved sprinklers acceptable to NYC per section 28-113 of the Administrative Code and the OTCR Rule.

3.0 SPECIFICATIONS – MATERIAL

Deflector: Bronze

Bulb Nominal Diameter: 3.0mm

Load Screw: Bronze

Pip Cap: Bronze

Spring Seal: PTFE coated Beryllium nickel alloy

Frame: Brass

Lodgement Spring: Stainless steel

Installation Wrench: Ductile iron

Sprinkler Frame Finishes:

- Plain brass
- Chrome plated
- White polyester painted⁴
- Flat black polyester painted⁴
- Custom polyester painted⁴
- VC-250⁴

⁴ UL Listed for corrosion resistance.

NOTE

- For cabinets and other accessories refer to separate sheet.



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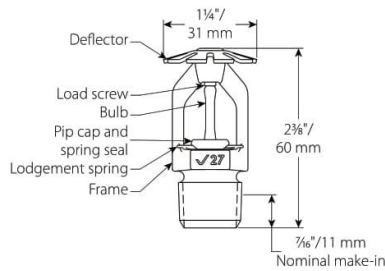
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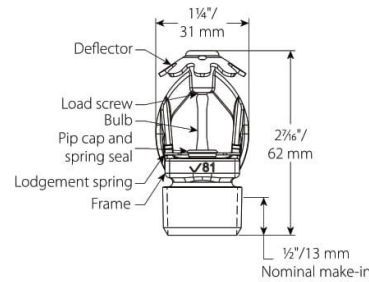


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4.0 DIMENSIONS



V2754, V2726



V8125

5.0 PERFORMANCE

Sprinkler is to be installed and designed as per NFPA, FM Datasheets, or any local standards.

6.0 NOTIFICATIONS

WARNING



- Read and understand all instructions before attempting to install any Victaulic products.
 - Always verify that the piping system has been completely depressurized and drained immediately prior to installation, removal, adjustment, or maintenance of any Victaulic products.
 - Wear safety glasses, hardhat, and foot protection.
- Failure to follow these instructions could result in death or serious personal injury and property damage.

- These products shall be used only in fire protection systems that are designed and installed in accordance with current, applicable National Fire Protection Association (NFPA 13, 13D, 13R, etc.) standards, or equivalent standards, and in accordance with applicable building and fire codes. These standards and codes contain important information regarding protection of systems from freezing temperatures, corrosion, mechanical damage, etc.
- The installer shall understand the use of this product and why it was specified for the particular application.
- The installer shall understand common industry safety standards and potential consequences of improper product installation.
- It is the system designer's responsibility to verify suitability of materials for use with the intended fluid media within the piping system and external environment.
- The material specifier shall evaluate the effect of chemical composition, pH level, operating temperature, chloride level, oxygen level, and flow rate on materials to confirm system life will be acceptable for the intended service.

Failure to follow installation requirements and local and national codes and standards could compromise system integrity or cause system failure, resulting in death or serious personal injury and property damage.