

FireLock™ V38, K5.6

Models V3801, V3802



V3801 and V3802

1.0 PRODUCT DESCRIPTION

Models: V3801 and V3802

Style: Adjustable Concealed, Ordinary Hazard and Light Hazard

K Factor: 5.6 Imp./8.1 S.I.¹

Nominal Thread Size: ½" NPT/15 mm BSPT

Max. Working Pressure: 175 psi/1207 kPa/12 bar

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

Min. Operating Pressure: 7 psi/48 kPa/0.5 bar

Temperature Rating: See chart 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.

System No.		Location	
Submitted By		Date	

Spec Section		Paragraph	
Approved		Date	

2.0 CERTIFICATION/LISTINGS



Approvals/Listings

Approvals/Listings	Model	
	V3801	V3802
Orifice Size (mm)	13	13
Nominal K Factor Metric S.I. ²	8.1	8.1
Deflector Type	Concealed Pendent	Concealed Pendent

Approved Temperature Ratings	F°/C°	
cULus	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C
FM ³	NONE	155°F/68°C 175°F/79°C 200°F/93°C
NYC/MEA ³ #62-99-E	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C
CSFM ³ #7690-0531:112	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C	135°F/57°C 155°F/68°C 175°F/79°C 200°F/93°C
LPCB	155°F/68°C Sprinkler/138°F/59°C Cover 175°F/79°C Sprinkler/165°F/74°C Cover 200°F/93°C Sprinkler/165°F/74°C Cover	155°F/68°C Sprinkler/138°F/59°C Cover 175°F/79°C Sprinkler/165°F/74°C Cover 200°F/93°C Sprinkler/165°F/74°C Cover
VNIPO	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
CCC	ZSTDY 155°F/68°C	K ZSTDY 155°F/68°C 200°F/93°C

² For K-Factor when pressure is measured in bar, multiply S.I. units by 10.0.

³ Recognized by FM as standard response only.

NOTE

- Listings and approvals as of printing. All are approved open.

3.0 SPECIFICATIONS – MATERIAL

Deflector: Bronze

Cover Plate: Fusible solder

Bulb: Glass with glycerin solution

Bulb Nominal Diameter:

☐ Standard: 5,0 mm

☐ Quick Response: 3,0 mm

Load Screw: Bronze

Pip Cap: Bronze

Spring: Beryllium Nickel

Seal: Teflon⁴ tape

Frame: Brass

Pins: Stainless steel

Cup: Cold rolled steel, zinc chrome plated

Cover/Escutcheon: Brass

Lodgement Spring: Stainless steel

Protective Cap: Polyethylene

Installation Wrench:

☐ Concealed: V38-4 or V38-5

Sprinkler Finishes:

☐ Plain Brass (only)

Cover Finishes:

☐ Chrome Plated

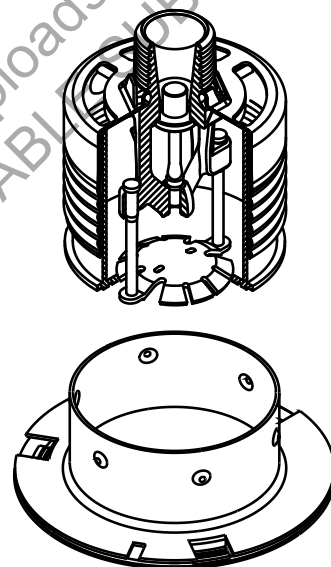
☐ White painted⁵

☐ Flat Black Painted⁵

☐ Custom Painted⁵

⁴ Teflon is a registered trademark of Dupont Co.

⁵ UL Listed for corrosion resistance.





6.0 NOTIFICATIONS

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If you need additional copies of this publication, or if you have any questions about the safe installation of this product, contact Victaulic World Headquarters: P.O. Box 31, Easton, Pennsylvania 18044-0031 USA. Telephone: 001-610-559-3300.

7.0 REFERENCE MATERIALS

Ratings:

All glass bulbs are rated for temperatures from –67°F (–55°C) up to those shown in table below.

Sprinkler Temperature Classification	Sprinkler – V3801, V3802				Cover – V38		
	Victaulic Part Identification	Temperature – °F/°C		Glass Bulb Color	Victaulic Part Identification	Temperature – °F/°C	
		Nominal Temperature Rating	Maximum Ambient Temperature Allowed			Nominal Temperature Rating	Maximum Ambient Temperature Allowed
Ordinary	A	135°F/57°C	100°F/38°C	Orange	A ⁶	135°F/57°C	100°F/38°C
Ordinary	C	155°F/68°C	100°F/38°C	Red	D ⁷	165°F/74°C	150°F/65°C
Intermediate	E	175°F/79°C	150°F/65°C	Yellow			
Intermediate	F	200°F/93°C	150°F/65°C	Green			
High	J	286°F/141°C	225°F/107°C	Blue			
Extra High ⁸	K	360°F/182°C	300°F/149°C	Purple			
–	M	Open	–	No Bulb			

⁶ A For use with Standard or Quick Response Concealed Sprinkler 135°F/57°C or 155°F/68°C.

⁷ D For use with Standard or Quick Response Concealed Sprinkler 175°F/79°C or 200°F/93°C.

⁸ 138°F/59°C per LPCB

NOTE

- Custom Finish – Customer to provide paint specification, allow 4 – 6 weeks for samples.

Available Wrenches:

Sprinkler Type	Recessed
Concealed Pendent – V3801, V3802	V38-4 or V38-5

29.01: Victaulic® Terms and Conditions of Sale

I-40: Victaulic® FireLock™ Automatic Sprinklers

User Responsibility for Product Selection and Suitability

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Note

This product shall be manufactured by Victaulic or to Victaulic specifications. All products to be installed in accordance with current Victaulic installation/assembly instructions. Victaulic reserves the right to change product specifications, designs and standard equipment without notice and without incurring obligations.

Installation

Reference should always be made to the Victaulic installation handbook or installation instructions of the product you are installing. Handbooks are included with each shipment of Victaulic products, providing complete installation and assembly data, and are available in PDF format on our website at www.victaulic.com.

Warranty

Refer to the Warranty section of the current Price List or contact Victaulic for details.

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