FireLock® Zone Control Riser Module

SERIES 747M
SERIES 747MP (PRESSURE RELIEF OPTION)
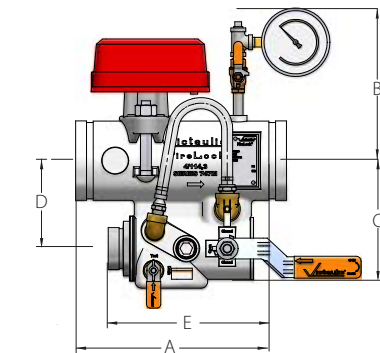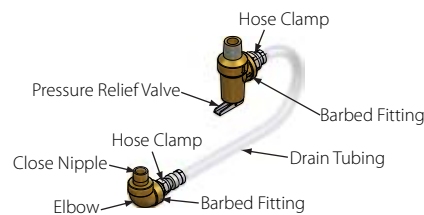
Designed for NFPA 13 commercial requirements, the Victaulic Series 747M Zone Control Riser Module features a cast body, and is compact and easy to install in zoned wet sprinkler systems. The integrated module body consists of a shut off valve, test and drain valve combination and different orifice sizes (K factors), a UL Listed and FM Approved Flow Switch, and a Pressure Gauge. The Series 747M FireLock Zone Control Riser Module is available in sizes from 2 ½ through 6"/65 mm – 150 mm with grooved ends for easy installation in the horizontal or vertical up-flow positions with standard Victaulic grooved couplings. The Series 747M FireLock Zone Control Riser Module is FM Approved and UL and ULC Listed for working pressures up to 300 psi/2068 kPa). In addition, an optional pressure relief version is available.

SEE VICTAULIC PUBLICATION 10.01 FOR DETAILS

STYLE 747M
PATENT PENDING

DIMENSIONS

2 ½ – 6"/73.0 – 168.3 mm Sizes
(Valves shown above in the "test" position.
Shown with Pressure Relief Option)

Module Body Size			Dimensions – Inches/mm					Aprx. Weight Each
Nominal Diameter Inches\mm	Actual Outside Diameter Inches/mm	Drain Size Inches/mm	A	B	C	D	E (Groove)	Lbs./kgs
2* 50	2.375 60.3	1 ¼ 42	16.00 406	7.90 201	7.10 180	5.70 145	8.90 226	19.9 9.0
2 ½ 65	2.875 73.0	1 ¼ 42	12.00 305	8.41 214	6.18 157	4.25 108	9.76 248	22.7 10.3
3 80	3.500 88.9	1 ¼ 42	12.00 305	9.42 239	6.18 157	4.25 108	9.76 248	23.2 10.6
4 100	4.500 114.3	2 60	12.00 305	9.90 252	7.25 184	5.00 127	10.15 258	30.3 13.8
6 150	6.625 168.3	2 60	12.00 305	10.85 276	8.31 211	6.00 154	10.15 258	36.7 16.7

Orifices:

For 2.5" and 3" modules: K5.6, K6.9, K8.0 and K11.2

For 4" and 6" modules: K5.6, K6.9, K8.0, K11.2, K14.0 and K16.8

Note: Pressure Relief Option must be specified when ordering product. There is no field retrofit option for the standard Series 747M riser module.

* For the 2"/50 mm nominal size, the Style 747 Riser Manifold Assembly is provided. The pressure relief version of the 2"/50 mm size is the Style 747P Riser Manifold Assembly.

Hose Clamp
Pressure Relief Valve
Barbed Fitting
Hose Clamp
Close Nipple
Drain Tubing
Elbow
Barbed Fitting

Optional Pressure Relief Version Detail

MATERIAL SPECIFICATIONS

Module Body: Cast from ductile iron conforming to ASTM A-536, grade 65-45-12 with integral Victaulic grooved ends. Finish: orange enamel.

Shut-off and Test/Drain Valve: Chrome plated brass ball, S 37700 brass clapper, 416SS or 410SS shafts, Delrin orifice, virgin Teflon*, enhanced Teflon and EPDM rubber seals.

*Teflon is a registered trademark of Dupont

Coupling: For sizes 2 ½" – 6"/65 mm – 150 mm, Victaulic Style 005 FireLock® coupling complete with Grade "E" – Type A Gasket. For sizes 2 ½" – 4"/65 mm – 100 mm, Style 009 FireLock EZ rigid coupling also available. Refer to Victaulic Submittal Publication 10.02 (style 005) and Submittal Publication 10.60 (style 009) for additional details. Any UL Listed, FM Approved Victaulic coupling may also be used. Note: Couplings not included with product.

Waterflow Detector: System Sensor Model WFD vane type waterflow detector with sealed retard, visual switch activation, and mechanical delay adjustment. Cover includes tamper resistant security screws and tool. Note: ULC models WFDA include cover tamper switch.

JOB/OWNER

System No._____

Location _____

CONTRACTOR

Submitted By _____

Date _____

ENGINEER

Spec Sect_____ Para_____

Approved _____

Date _____

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

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.

WARNING

⚠ WARNING

- **This product must be installed by an experienced, trained installer, in accordance with the instructions provided with each valve. These instructions contain important information.**

  Failure to follow these instructions may result in serious personal injury, property damage, or valve leakage.

  If you need additional copies of this product literature or the valve installation instructions, or if you have any questions about the safe installation and use of this device, contact Victaulic Company, P.O. Box 31, Easton, PA 18044-0031 USA, Telephone: 001-610-559-3300.

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For complete contact information, visit www.victaulic.com

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