

FireLock® Wye-Type Vic-Strainer®

SERIES 732H



IMPORTANT INSTALLATION INFORMATION

⚠ **WARNING**

- Read and understand all instructions before attempting to install, remove, adjust, or maintain any Victaulic piping products.
- Depressurize and drain the piping system before attempting to install, remove, adjust, or maintain any Victaulic products.
- Wear hardhat, safety glasses, and foot protection.

Failure to follow these instructions could result in serious personal injury, property damage, and/or product damage.

⚠ **CAUTION**

- To ensure maximum gasket life, make sure the strainer is installed with a Victaulic-supplied gasket grade that is suitable for the intended service.
- Strainer baskets must be cleaned out prior to obtaining 10-psi/ 0.7-Bar/69-kPa pressure differential across the basket.

Failure to follow these instructions could cause joint leakage and property damage.

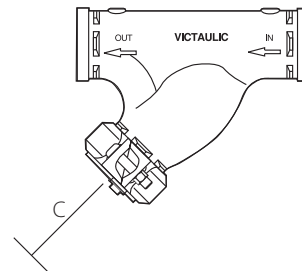
The information contained in this instruction sheet must be referenced to ensure proper installation of Series 732H FireLock Wye-Type Vic-Strainers. **NOTE:** Maximum service life is dependent upon proper gasket selection and installation. Refer to Victaulic publication 05.01, "Gasket Selection Guide," for details.

ASSEMBLY CLEARANCE

- Select a location for the Vic-Strainer that accommodates the minimum clearance requirements for removing the strainer basket (refer to the table below). **NOTE:** Series 732H FireLock Vic-Strainers are shipped fully assembled.

Minimum Clearance Requirements for Removal of Strainer Basket

Size		"C" Strainer Basket Minimum Clearance Dimensions inches/mm
Nominal Size inches or mm	Actual Pipe Outside Diameter inches/mm	
2	2.375	8.00
	60.3	203
2½	2.875	9.00
	73.0	229
76.1 mm	3.000	9.00
	76.1	229
3	3.500	10.00
	88.9	254
4	4.500	12.00
	114.3	305



Series 732H FireLock Wye-Type Vic-Strainers
Typical 2 – 4-inch/60.3 – 114.3-mm Sizes

INSTALLATION OF THE VIC-STRAINER



1. The outside surface of the pipe (from the pipe end to the groove) must be smooth and free from indentations, projections (including weld seams), and roll marks to ensure a leak-tight seal. All oil, grease, loose paint, and dirt must be removed prior to installation.
2. Align the Vic-Strainer to the piping system so that the flow into and out of the strainer matches the directional arrows cast into the strainer body. Install the Vic-Strainer by using two Victaulic couplings that are suitable for the intended service. Always refer to the Victaulic Field Installation Handbook (I-100) for complete coupling installation requirements.

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MAINTENANCE

CAUTION

- Strainer baskets must be cleaned out prior to obtaining 10-psi/ 0.7-Bar/69-kPa pressure differential across the basket.
- Failure to follow this instruction could cause joint leakage and property damage.

REMOVAL OF STRAINER BASKET

WARNING



- Plug and coupling/access cap assembly may be under pressure.
- Always depressurize and drain the piping system completely before attempting to loosen the plug on the access cap or the coupling/access cap assembly.

Failure to follow these instructions could result in serious personal injury and/or property damage.



- 2a. Be prepared to support the strainer basket while removing the gasket and access cap. Rinse the gasket with clean water to remove any debris. Inspect the gasket for damage. If any damage is present, replace it with a new, Victaulic-supplied gasket grade that is suitable for the intended service.



1. Make sure the system is depressurized and drained completely. Remove the pipe plug from the access cap to drain the system.



3. After removing the strainer basket, rinse the basket with clean water to remove any debris that has accumulated. Inspect the basket for damage. If any damage is present, replace it with a new, Victaulic-supplied basket.

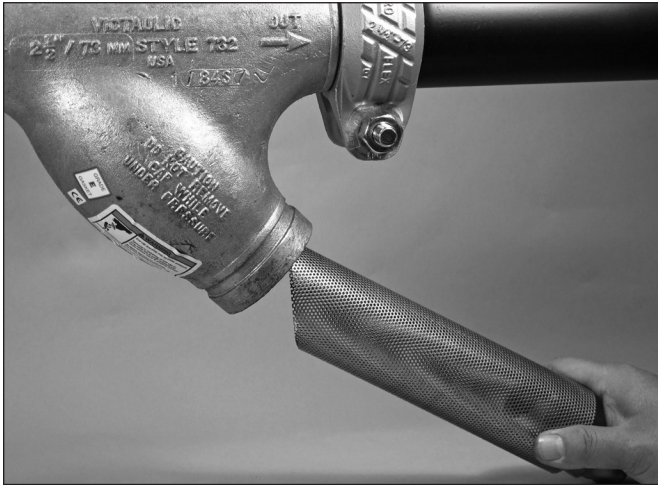


2. While supporting the access cap, loosen the bolts and remove the access coupling.

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INSTALLATION OF STRAINER BASKET



1. Align the angled end of the strainer basket for proper insertion into the strainer body, as shown above.



2. Rotate the strainer basket, if necessary, to keep the amount of protrusion beyond the strainer body to a minimum.
3. Follow the "Coupling Installation" section on this page.

COUPLING INSTALLATION

Always refer to the Victaulic Field Installation Handbook (I-100) for complete coupling installation requirements.

1. Inspect the gasket, as described in Step 2a on the previous page.



2. Apply a thin coat of Victaulic Lubricant or silicone lubricant to the gasket sealing lips and exterior. DO NOT use petroleum-based lubricants on Grade "E" gaskets.



3. Position the gasket over the grooved end of the Vic-Strainer body. Make sure the gasket does not overhang the end of the Vic-Strainer body.
 - 3a. Install the access cap. Center the gasket between the groove in the Vic-Strainer body and the access cap.
 - 3b. Using the "swing-over" feature, install the housings over the gasket. Make sure the housings' keys engage the groove in the Vic-Strainer body and the outside surface of the access cap.

WARNING

- For Victaulic rigid, angled-bolt-pad couplings, the nuts must be tightened evenly by alternating sides until metal-to-metal contact occurs at the bolt pads.
- For Victaulic rigid, angled-bolt-pad couplings, equal offsets must be present at the bolt pads.

Failure to follow these instructions could cause joint failure, serious personal injury, and property damage.

Instructions continued on following page

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4. Install the remaining bolt, and thread the nut finger-tight onto the bolt. **NOTE:** Make sure the oval neck of each bolt seats properly in the bolt hole.
- 4a. Tighten the nuts evenly by alternating sides until metal-to-metal contact occurs at the angled bolt pads. Make sure the housings' keys engage the grooves completely on the Vic-Strainer body and the outside surface of the access cap and that the offsets are equal at the bolt pads. Equal, positive offsets are necessary to ensure a rigid connection. **NOTE:** It is important to tighten all nuts evenly to prevent gasket pinching.

For complete contact information, visit www.victaulic.com

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