

Series 755 Manual Release Panel

The Victaulic® Series 755 Manual Release Panel operates as a manually operated actuating device for the FireLock NXT Series 768 Dry Valve and the Series 769 (Deluge and Preaction) Actuated Valves. It contains a special quarter turn ball valve mounted in a painted steel enclosure with a full opening door.







OPERATION

The Victaulic Series 755 Manual Release Panel consists of a special normally closed ball valve attached to a steel enclosure. The enclosure can only be closed when the valve handle is in the closed position. The valve is attached to the Victaulic Actuated Valve Piston with 1/2" Schedule 40 galvanized piping and unions.

In order to operate the Manual Release Panel, the door of the release is opened and the ball valve handle is pulled down. This operation allows water to be released from the piston of the Victaulic Actuated Valve. Upon the release of water pressure from the piston assembly the piston rod retracts allowing the clapper to open freely and water to enter the sprinkler system.

Following operation, the handle of the ball valve **MUST NOT BE RETURNED TO THE CLOSED POSITION** until the system has been shut, drained and placed back into service.

INSTALLATION

 WARNING	
  	<ul style="list-style-type: none"> Always read and understand all installation instructions before attempting assembly of Victaulic piping products. Failure to do so could result in serious personal injury, property damage, joint leakage, or joint separation.

Deluge Valve listings and approvals may require that an Emergency Release be connected to the valve in order to manually operate the valve independently of the system release devices. The Emergency Release (Manual Release Panel) should be mounted in the immediate proximity of the fire safety valve.

The location of the Manual Release Panel must be free from any obstructions and allow the door of the Manual Release Panel box to open fully.

Additional Manual Release Panel stations should be placed near operator stations and other easily accessible locations specified by applicable codes, standards and the Authority Having Jurisdiction. When evaluating a location for a Manual Release Panel, easy access to an open drain must be present. In addition, **the Manual Release Panel must be mounted in accordance with the pilot line heights published in the Victaulic Deluge Valve Installation and Maintenance Manuals.**

The piping from the valve piston outlet to the Manual Release Panel drain must be no smaller than Schedule 40, 1/2" to assure proper operation of the Manual Release Panel.

The outlet of the emergency release must discharge to an open drain.

JOB/OWNER

System No. _____

Location _____

CONTRACTOR

Submitted By _____

Date _____

ENGINEER



Spec Sect _____ Para _____



Approved _____

Date _____

Series 755 Manual Release Panel

MAINTENANCE


 WARNING	
	<ul style="list-style-type: none"> Piping systems must always be depressurized and drained before attempting disassembly and removal of any Victaulic piping products. Failure to do so could result in serious personal injury, property damage, or valve leakage.



 WARNING	
	<ul style="list-style-type: none"> Any system service that requires taking the control valve or alarm valve out of service may eliminate the fire protection provided by the system. Prior to servicing or testing the system, notify the authority having jurisdiction of the operation being performed. Consideration of a fire patrol should be given in the affected areas. Failure to do so could result in serious personal injury or property damage.

It is the owner's responsibility to maintain the fire protection system in proper operating condition. The Emergency Release must be kept free of freezing conditions, corrosive atmosphere, contaminated water supply, foreign material or any condition that would impair the operation of the release mechanism or restrict the flow of water from the Emergency Release.

The fire safety sprinkler system must be inspected and tested on a regular basis. Basic inspection frequencies are noted in the Installation and Maintenance manuals of the individual valves. The Authority Having Jurisdiction may have additional test requirements which also require compliance.

INSPECTIONS AND TEST

 CAUTION	
<p>The owner is responsible for maintaining the system in proper operating condition. The Victaulic Series 755 Manual Release Panel must be kept free of foreign matter, corrosive atmospheres, freezing conditions, contaminated water supplies or any other condition that could impair the proper operation of the valve. It is important that the system be inspected and tested regularly. The frequency of inspection should be modified in the presence of any environmental conditions that could degrade the systems operating condition. Minimum requirements for test and inspections are outlined in the National Fire Protection Association Pamphlet that describes the care and maintenance of sprinkler systems. Additionally, the Authority Having Jurisdiction may have maintenance, inspection and test requirements that must be followed.</p>	

 WARNING	
	<ul style="list-style-type: none"> Any system service that requires taking the control valve or alarm valve out of service may eliminate the fire protection provided by the system. Prior to servicing or testing the system, notify the authority having jurisdiction of the operation being performed. Consideration of a fire patrol should be given in the affected areas. Failure to do so could result in serious personal injury or property damage.

1. Confirm that the door of the Emergency Release is clear of any obstructions and opens freely.
2. Look for any physical damage or corrosion. Repair or replace as necessary.

OPERATIONAL TEST

1. Notify the Authority Having Jurisdiction and those in the affected area that the test is being performed.
2. Close the main water control valve to the sprinkler system.
3. Open the door of the Emergency Release and pull the handle of the ball valve down. Water should be freely discharging from the open drain.
4. Confirm that the water pressure on the Victaulic Valve piston or diaphragm is 0 psi.
5. Close the charge line ball valve on the Victaulic Actuated Valve.
6. Close the Emergency Release ball valve. Close the door of the Emergency Release.
7. Follow the Placing the Valve In Service Procedure of the Installation and Maintenance Manual for the particular valve being tested.
8. Notify the Authority Having Jurisdiction and those in the affected area that the valve is back in service.

For complete contact information, visit www.victaulic.com

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