



## TECHNICAL DATA

### TRIMPAC® MODEL E-2 & E-2B FIRECYCLE® III MULTI-CYCLE DELUGE

The Viking Corporation, 210 N Industrial Park Drive, Hastings MI 49058

Telephone: 269-945-9501 Technical Services: 877-384-5464 Fax: 269-818-1680 Email: techsvcs@vikingcorp.com

#### 1. DESCRIPTION

TRIMPAC® Model E-2 and E-2B is a trim package for a Firecycle® III Multi-Cycle Deluge System System with a specific release device and release module for the desired application, manufactured and factory leak tested in a metal enclosure. The standard trim normally required on a Firecycle® III Multi-Cycle Deluge System System has been preassembled into a single cabinet. TRIMPAC® Model E-2 and E-2B® provides access doors for the emergency release (B.1) and alarm test valve (B.7) for manual operation. TRIMPAC® Model E-2 and E-2B is equipped with priming water pressure and water supply gauge view-ports for easy monitoring of water pressures. TRIMPAC® Model E-2 and E-2B eliminates the installation of alarm trim piping and release trim piping at the flow control valve. The enclosure protects trim valves from inadvertent operation. The included stainless steel hoses (or field provided hard piping) from the valve body to the enclosure assembly allows the assembly to be installed remote of the sprinkler system riser. A valve drain package for the flow control valve is required and is ordered based on the flow control valve size. See Figures 14 and 15 for drain trim charts.



#### 2. LISTINGS AND APPROVALS



cULus Listed: VLTR & VLTR7



FM Approved: On-Off Multicycle Sprinkler Systems

NYC Department of Buildings: MEA 89-92-E, Vol. XXXIII

#### 3. TECHNICAL DATA

##### Specifications:

Rated Water Working Pressure: 250 PSI (17.2 bar)

Gauges: 0-300 PSI (0 - 20.7 bar)

Weight: 55 lbs. (24.9 kg.)

Dimensions: 16-1/8" (409 mm) high x 29-1/8" (748 mm) wide x 8-25/32" (223 mm) deep

U.S. Patent Numbers: 6,848,513 & 7,055,612

##### Material Standards:

Enclosure: 6 gauge steel, painted red: Epoxy Powder Coat

Gauges: Brass, 1/4 NPT, Plastic Body

Solenoid Valves (1 NO, 1 NC): Brass Body 1/2" (1.27 cm), 24 Volt DC, 250 PSI (17.2 bar) NEMA Rated 1, 2, 3, 3S, 4 or 4X, 9 Watt

PORV: Brass Body, 250 PSI (17.2 bar), 1/2" NPT inlet, 1/2" NTP drain, 1/2" NPT sensing side

Ball Valves: 1/2" NPT female ends

Strainer: Brass Body, 1/2" NPT inlet and outlet, 50 mesh stainless steel screen

Restricted orifice: Brass Body, 1/2" NPT male inlet & outlet, 0.125" orifice

Spring Loaded Check Valve: Brass Body, 1/2" NPT female inlet and outlet

Drain Check Valve: Brass Body, 1/2" NPT female inlet and outlet, EPDM clapper rubber

Hoses (4): Flexible braided stainless steel hoses with steel fittings and connectors, Teflon® lined

Drain Hose (1): PVC Hose 60" long with brass hose connector x 1/2" NPT

Trim Piping: 1/2" Galvanized or 1/2" Brass

Fittings: 1/2" Galvanized

##### Ordering Information:

Part No. - Galvanized: 13802E-2

Part No. - Brass: 13802E-2B (Brass available by special order only.)

##### Accessories:

a. Vertical Mounting Plate Kit: Part No. 11900

b. Horizontal Mounting Plate Kit: Part No. 11901

c. Individual 5'-0" Stainless Steel & Teflon® Hose: Part No. 16558 (4) (included with Part Nos. 13802E-2 and 13802E-2B)

d. Individual PVC Hose: Part No. 12071 (1) (included with Part Nos. 13802E-2 and 13802E-2B)

e. Drain Package

Viking Technical Data may be found on  
The Viking Corporation's Web site at  
<http://www.vikinggroupinc.com>.  
The Web site may include a more recent  
edition of this Technical Data Page.



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- |  |                              |
|--|------------------------------|
| i. Galvanized: 1-1/2" - 11894-1        | Brass: 1-1/2" - 11894-5      |
| ii. Galvanized: 2" - 11894-2           | Brass: 2" - 11894-6          |
| iii. Galvanized: 2-1/2" & 3" - 11894-3 | Brass: 2-1/2" & 3" - 11894-7 |
| iv. Galvanized: 4", 6" & 8" - 11894-4  | Brass: 4", 6" & 8" - 11894-8 |

#### 4. INSTALLATION (Refer to Figures 3 - 12 for identification of trim components. Refer to Figure 13 for wall mounting.)

1. TRIMPAC® Model E-2 and E-2B Trim Assemblies may be installed with angle style Model H Flow Control Valves, sizes 1-1/2", 2", 3", 4" and 6", as well as straight through style Model J Flow Control Valves, sizes 1-1/2", 2", 2-1/2", 3", 4", 6", and 8".
2. **TRIMPAC® Model E-2 and E-2B trim assembly and valve must be installed in an area not subject to freezing.**
3. **TRIMPAC® Model E-2 and E-2B trim assembly must be installed to facilitate drainage.**
4. **TRIMPAC® Model E-2 and E-2B trim assembly must be installed above the elevation of the drip check valve (C.1).**
5. TRIMPAC® Model E-2 and E-2B Trim Assembly can be installed with the furnished hose package or 1/2" non-corrosive metallic piping. The maximum distance the TRIMPAC® Model E-2 and E-2B may be installed away from the flow control valve is 5'-0".
6. The flow control valve equipped with TRIMPAC® Model E-2 and E-2B must be installed in accordance with Viking Technical data. The required drain package must be installed in accordance with Figures 14 and 15.
  - a. Remove all plastic thread protectors from the openings of the flow control valve and the TRIMPAC® Model E-2 and E-2B trim assembly.
  - b. Apply a small amount of pipe-joint compound or tape to the external threads of all pipe connections required. Take care not to allow any compound, tape, or other foreign matter inside any of the nipples or openings of the valve or trim components.
  - c. Verify that all system components are rated for the water working pressure of the system.

#### Hydrostatic Test:

The Viking flow control valve is manufactured and listed for use at a maximum Water Working Pressure of 250 PSI (17.2 bar). The valve is factory tested at 500 PSI (34.5 bar). The Viking flow control valve may be hydrostatically tested at 300 PSI (20.7 bar) and/or 50 PSI (3.5 bar) above the normal Water Working Pressure, for limited periods of time (2 hours) for the purpose of acceptance by the Authority Having Jurisdiction. If air testing is required, DO NOT exceed 40 PSI (2.8 bar) air pressure.

**Trim Note** (Refer also to System Data and/or Trim Chart.)

Discharge piping from the auxiliary drain valve (C.4), the flow test valve (C.3), and all system drains should be kept separate. DO NOT connect the outlet of the drip check (C.1) to any other drain.

7. The priming line must be connected upstream of the system water supply main control valve (D.1).
8. After the flow control valve is set, operation requires the release of priming water from the priming chamber. For TRIMPAC® Model E-2 and E-2B the release of the priming water from the priming chamber will be automatically controlled by the electric release system using heat detectors (E.2) that are installed in the hazard area. Upon activation of the heat detectors, the control panel (E.1) will open the normally closed solenoid valve (B.13), which will then relieve priming water pressure from the priming chamber.

**CAUTION: OPERATION OF VIKING FLOW CONTROL VALVE BY PRESSURIZING THE PRIMING CHAMBER WITH AIR PRESSURE OR ANY OTHER PRESSURIZED GAS IS NOT RECOMMENDED OR APPROVED.**

9. Placing the System in Service: (Refer to Figures 3 - 12.)
  - a. Verify that the Firecycle® III or VFR-400 Control Panel (E.1), Detector Circuits, and Detectors have been properly installed and energized according to instructions provided in Viking Technical Data and the Firecycle® III Owner's Manual.
  - b. Verify that the system has been properly drained. (When plunger is depressed on drip check (C.1), no water should flow.) System Drain (D.2) should be open. Verify that Emergency Release (B.1) is closed. **Note:** Emergency Release (B.1) is closed when the handle is in-line with the pipe. This allows the door to close when the valve is in the normal position.
  - c. Verify that the System Main Water Supply Control Valve (D.1) is closed and the Flow Control Valve (A.1) is trimmed according to Figures 3 through 12.
  - d. Establish a normal condition on the Firecycle® III or VFR-400 Release Control Panel (E.1).
  - e. Verify that the system water supply piping is pressurized up to the closed System Main Water Supply Control Valve (D.1) and the priming line is pressurized up to the closed Priming Valve (B.2).
  - f. Open the Priming Valve (B.2).
  - g. Open the Flow Test Valve (C.3).
  - h. Partially open the Main Water Supply Control Valve (D.1).
  - i. When full flow develops from the Flow Test Valve (C.3), close the Flow Test Valve (C.3).
  - j. Verify that there is no flow from the open System Drain (D.2).
  - k. Close the System Drain (D.2).
  - l. Fully open and secure the Main Water Supply Control Valve (D.1).
  - m. Verify that the Alarm Shut-off Valve (B.10) is open and that all other valves are in their normal operating position.



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#### 5. OPERATION (Refer to Figures 3 - 12.)

System water supply pressure enters the priming chamber of the Flow Control Valve (A.1) through the 1/2" (13 mm) priming line, which includes a normally open priming valve (B.2), strainer (B.3), restricted orifice (B.4), and check valve (B.5). In the SET condition, water supply pressure is trapped in the priming chamber by check valve (B.5), normally closed Emergency Release (B.1), Pressure Operated Relief Valve (PORV) (B.11), and normally closed Release Solenoid Valve #1 (B.13). Water Supply pressure in the priming chamber holds the clapper of the Flow Control Valve (A.1) on the seat due to the differential design of the valve and spring pressure. The clapper separates the inlet chamber from the outlet chamber, keeping the outlet chamber and system piping dry.

##### In Fire Conditions:

When the Firecycle® III detection system (E.2) operates, the Firecycle® III or VFR-400 Control Panel (E.1) activates the system alarm and energizes normally closed Release Solenoid Valve #1 (B.13) open and normally open Release Solenoid Valve #2 (B.14) closed. Pressure is released from the priming chamber faster than it is supplied through restricted orifice (B.4). The Flow Control Valve (A.1) clapper opens to allow water to flow into the system piping and to alarm devices, causing Alarm Pressure Switch (B.12) to activate. Water entering the system operates and hydraulically latches the Pressure Operated Relief Valve (PORV) (B.11) open. Water will flow from any open sprinklers or nozzles. Water discharges until all Firecycle® Detectors have reset (cooled below their set point). After all detectors have reset, the Firecycle® III or VFR-400 Release Control Panel (E.1) activates the "Soak Timer", allowing the system to continue discharging water for a preset time period. When the "Soak Timer" has expired, the Firecycle® III or VFR-400 Control Panel (E.1) de-energizes normally closed Release Solenoid Valve #1 (B.13), allowing it to close. (The normally open Release Solenoid Valve #2 (B.14) remains energized closed until the Firecycle® III or VFR-400 Control Panel is manually reset, or both A.C. Power and battery backup have failed.) The Flow Control Valve (A.1) re-priming and closes, stopping the flow of water through the system piping.

Should a Firecycle® Detector go into alarm, the Firecycle® III or VFR-400 Control Panel (E.1) re-energizes normally closed Release Solenoid Valve #1 (B.13) open, and the entire cycle repeats.

To return the system to "Normal" conditions, drain the system piping and replace any sprinklers that may have operated. Replace any Firecycle® detectors which have been damaged. Re-establish system air pressure by following the steps in section 4. INSTALLATION, Step 9, Placing the system in service.

#### 6. INSPECTIONS, TESTS, AND MAINTENANCE

It is imperative that the system be inspected and tested on a regular basis. The frequency of the inspections may vary due to contaminated water supplies, corrosive water supplies, or corrosive atmospheres. Also, the alarm devices, detection systems, or other connected trim may require a more frequent schedule. For minimum maintenance and inspection requirements, refer to NFPA 25. In addition, the Authority Having Jurisdiction may have additional maintenance, testing, and inspection requirements that must be followed. Refer to the specific Viking flow control valve data page for periodic testing.

##### Maintenance:

TRIMPAC® Model E-2 and E-2B should be inspected, tested, and maintained in accordance with the latest edition of NFPA 25, the *Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems*, and in accordance with the Authority Having Jurisdiction.

**NOTICE: THE OWNER IS RESPONSIBLE FOR MAINTAINING THE FIRE PROTECTION SYSTEM AND DEVICES IN PROPER OPERATING CONDITION. THE FLOW CONTROL VALVE MUST BE KEPT FROM FREEZING CONDITIONS AND PHYSICAL DAMAGE THAT COULD IMPAIR ITS OPERATION. WHERE DIFFICULTY IN PERFORMANCE IS EXPERIENCED, THE VALVE MANUFACTURER OR AUTHORIZED REPRESENTATIVE SHALL BE CONTACTED IF ANY FIELD ADJUSTMENT IS TO BE MADE.**

### WARNING

Any system maintenance that involves placing a control valve or detection system out of service will impair the fire protection capabilities of that system. Prior to proceeding, appropriate impairment procedures per NFPA 25 shall be followed with the notification of all Authorities Having Jurisdiction. Consideration should be given to employment of a fire patrol in the affected areas.

**Failure to follow these instructions could cause improper system operation, resulting in serious personal injury and/or property damage.**

##### After Each Operation:

1. Sprinkler systems that have been subjected to a fire must be returned to service as soon as possible. The entire system must be inspected for damage, and repaired or replaced as necessary.
2. Flow control valves and TRIMPAC® Model E-2 and E-2B that have been subjected to brackish water, salt water, foam, foam/water solution, or any other corrosive water supply should be flushed with good quality fresh water before being returned to service. Refer to specific flow control valve for maintenance schedule.



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### 7. AVAILABILITY

The Viking TRIMPAC® Models E-2 and E-2B are available through a network of domestic and international distributors. See the Viking Corp. Web site for closest distributor or contact The Viking Corporation.

### 8. GUARANTEE

For details of warranty, refer to Viking's current list price schedule or contact Viking directly.

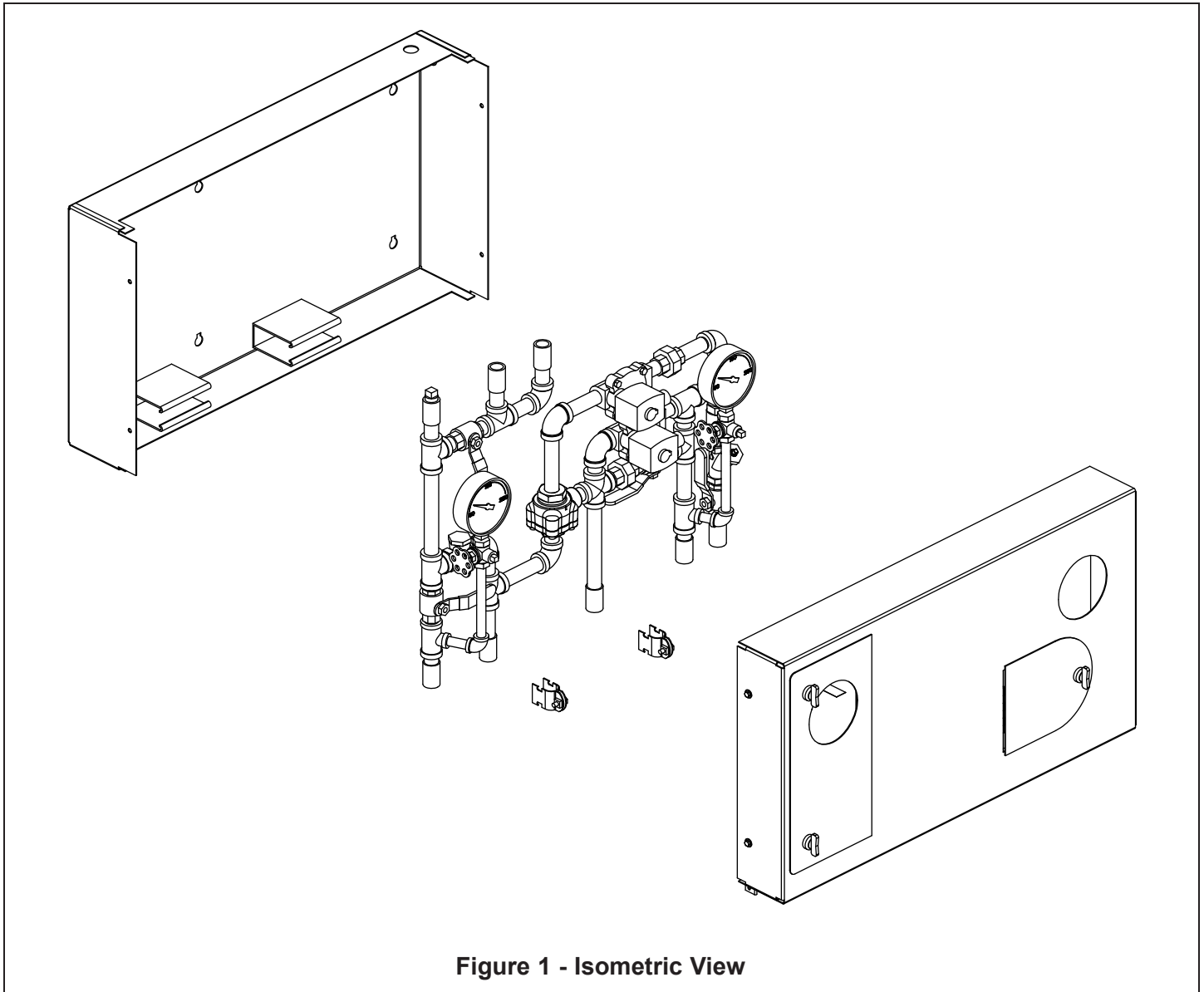


Figure 1 - Isometric View



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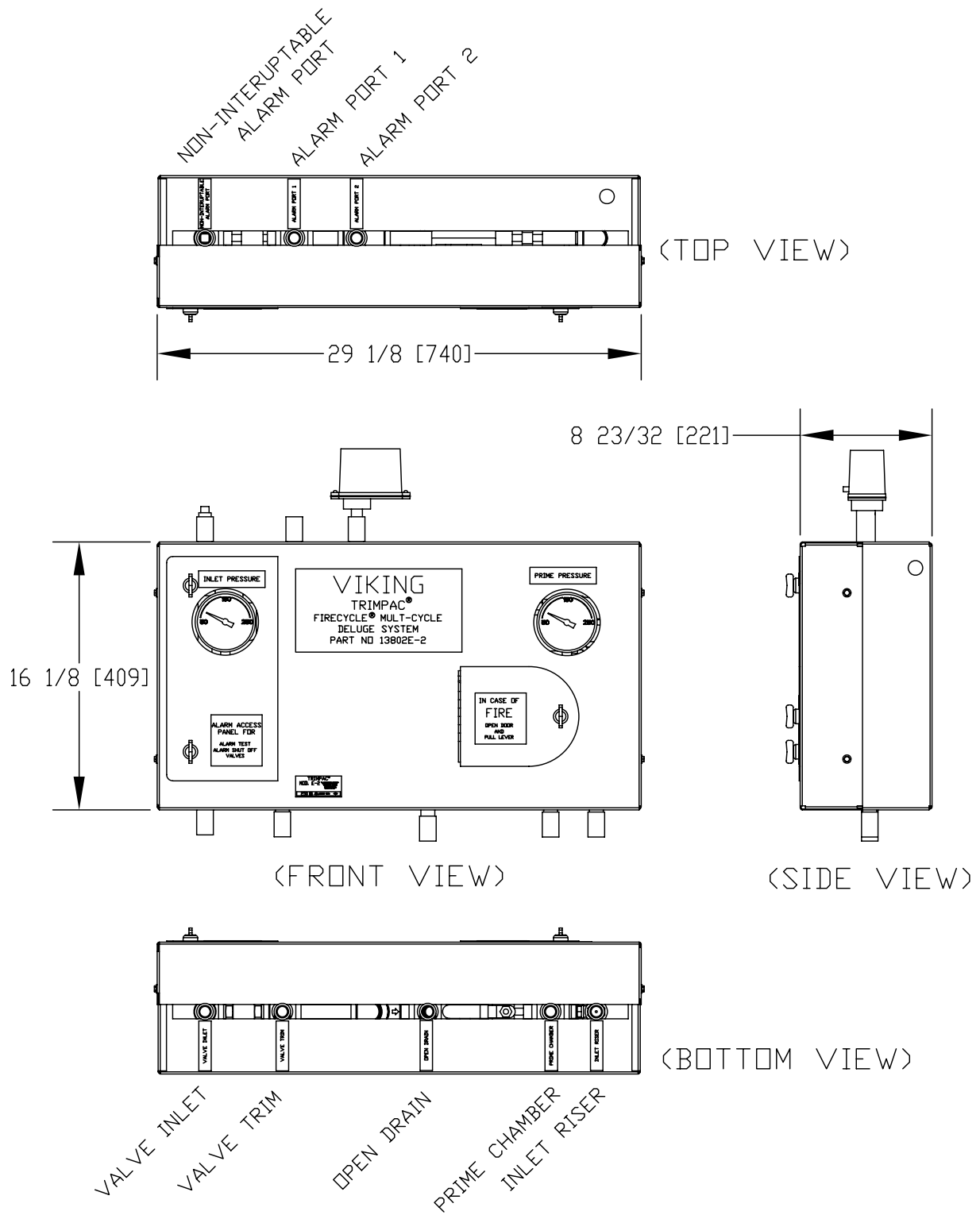


Figure 2 - Trimpac® Model E-2 Dimensions

	<h1 style="margin: 0;">TECHNICAL DATA</h1>	<b>TRIMPAC® MODEL E-2 &amp; E-2B</b> <b>FIRECYCLE® III</b> <b>MULTI-CYCLE DELUGE</b>
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Component	Description	Part Numbers	Corresponding Data Pages											
<b>A</b>	<b>System Valve</b>													
	A.1	Flow Control Valve	Various	<a href="#">500 through 508</a>										
<b>B</b>	<b>Trimpac®</b>		13802E-2	254a-p										
	B.1 - B.14	Trimpac® Components	Refer to Figure 12.											
<b>C</b>	<b>Trimpac® Drain Package</b>													
	C.1	Drip Check Valve	<table style="margin: 0 auto; border: none;"> <tr> <td style="padding: 0 10px;"><b>Galv.</b></td> <td style="padding: 0 10px;"><b>Brass</b></td> </tr> <tr> <td>1-1/2" -</td> <td>11894-1 or 11894-5</td> </tr> <tr> <td>2" -</td> <td>11894-2 or 11894-6</td> </tr> <tr> <td>2-1/2" &amp; 3" -</td> <td>11894-3 or 11894-7</td> </tr> <tr> <td>4", 6" &amp; 8" -</td> <td>11894-4 or 11894-8</td> </tr> </table>	<b>Galv.</b>	<b>Brass</b>	1-1/2" -	11894-1 or 11894-5	2" -	11894-2 or 11894-6	2-1/2" & 3" -	11894-3 or 11894-7	4", 6" & 8" -	11894-4 or 11894-8	254a-p
	<b>Galv.</b>	<b>Brass</b>												
	1-1/2" -	11894-1 or 11894-5												
	2" -	11894-2 or 11894-6												
2-1/2" & 3" -	11894-3 or 11894-7													
4", 6" & 8" -	11894-4 or 11894-8													
C.2	Drain Cup													
C.3	Flow Test Valve (NC)													
C.4	Auxiliary Drain Valve	(NC)												
<b>Riser</b>														
<b>D</b>	D.1	Water Supply Control Valve	-	-										
	D.2	Sprinkler System Main Drain	Various	-										
<b>E</b>	<b>Release System</b>													
	E.1	VFR-400 Multi-Hazard Release Control Panel	14152-1	<a href="#">290 a-g</a>										
	E.2	Firecycle® Detectors	Firecycle III	Various	<a href="#">417a-c</a>									
			Firecycle III-OH	Various	<a href="#">429a-d</a>									
	E.3	Detector Cables	Firecycle III	04632A	<a href="#">419a-b</a>									
Firecycle III-OH			16 Gauge - 09954 18 Gauge - 11988	<a href="#">419d-f</a>										

**Table 1 - Trimpac® System Components**  
 Refer to Figures 3 through 12 for component identification.

**Note:** When viewing this Data Page online, [blue](#) text represents hyperlinks and will open the desired data page when clicked.

### Legend for Figures 3 - 10

..... Dotted lines indicate electrical system wiring required but not listed in "System Components" Table. For additional wiring requirements refer to technical data for components used.

 Smaller diameter hoses are the (4) included flexible braided stainless steel hoses. Also available as a kit (P/N) 12072

 Larger diameter hose is the included PVC Drain Hose. Also available separately (P/N 12071).

\*\* 1/2" (15 mm) NPT for non-interruptible Alarm Pressure Switch (Optional)

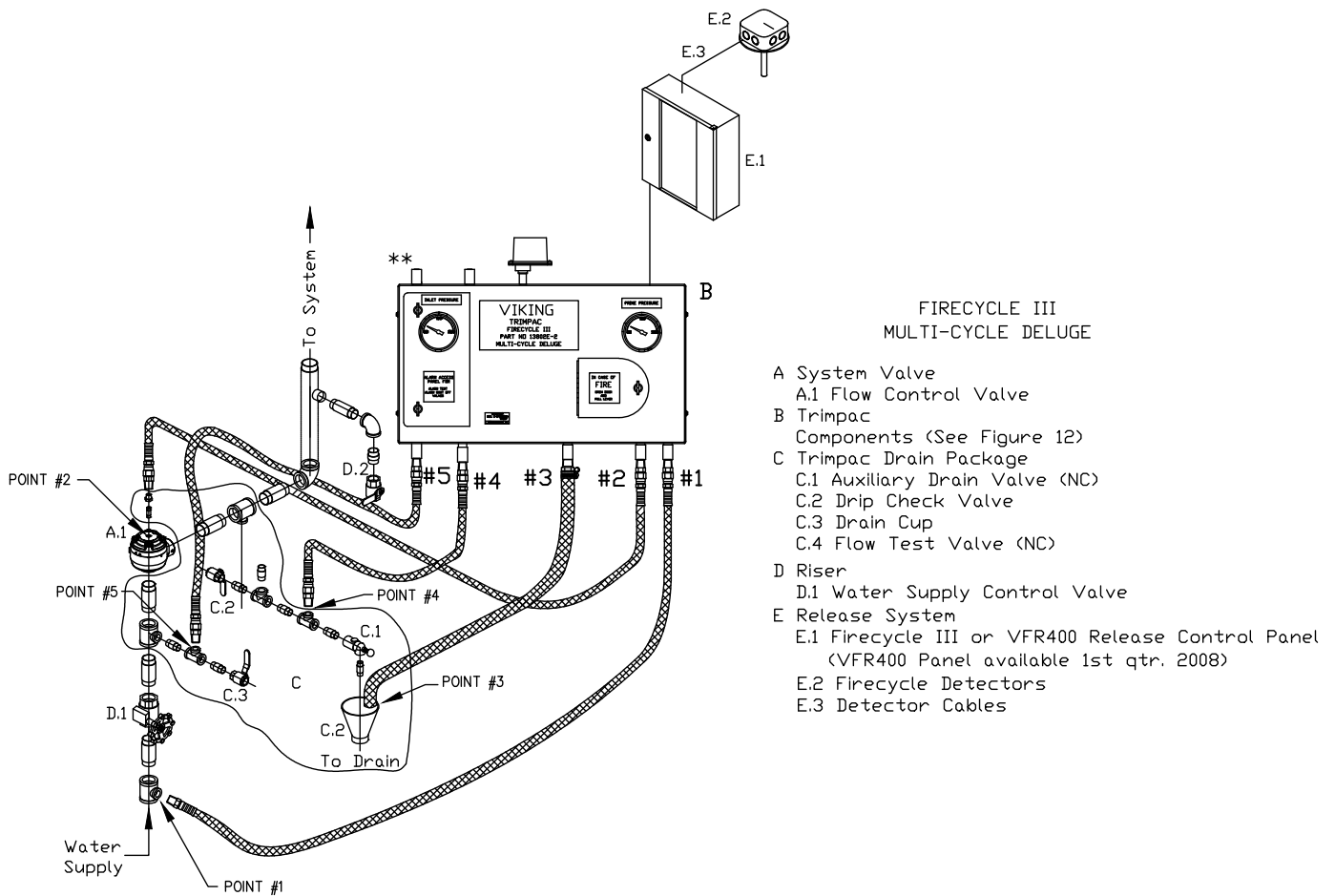


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**Figure 3  
Firecycle® III Deluge System  
1-1/2" Angle Style Valve**

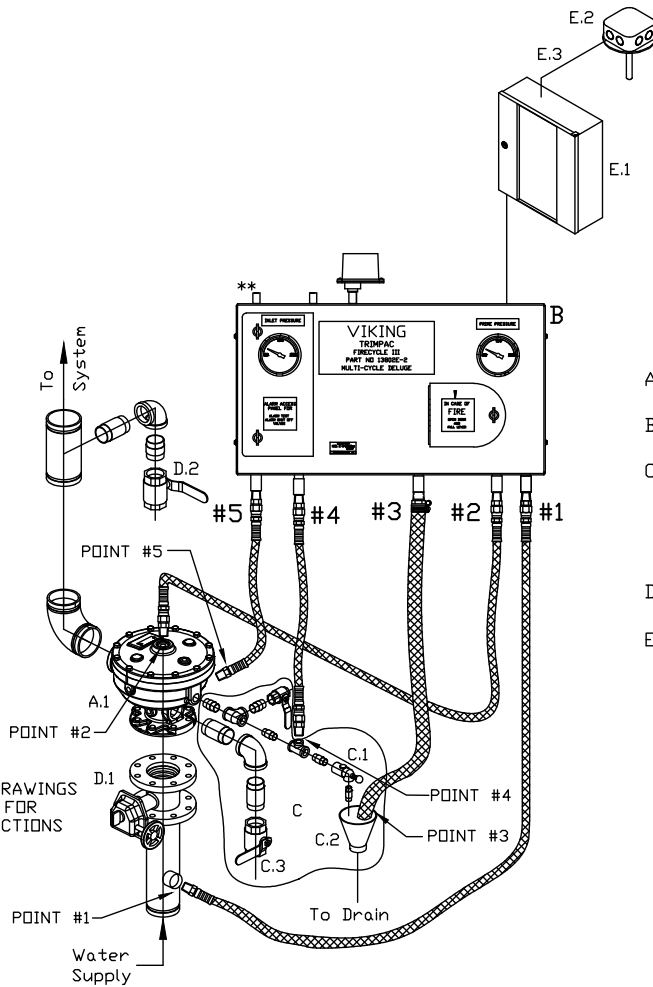


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**FIRECYCLE III  
MULTI-CYCLE DELUGE**

- A System Valve
  - A.1 Flow Control Valve
- B Trimpac Components (See Figure 12)
- C Trimpac Drain Package
  - C.1 Auxiliary Drain Valve (NC)
  - C.2 Drip Check Valve
  - C.3 Drain Cup
  - C.4 Flow Test Valve (NC)
- D Riser
  - D.1 Water Supply Control Valve
- E Release System
  - E.1 Firecycle III or VFR400 Release Control Panel (VFR400 Panel available 1st qtr. 2008)
  - E.2 Firecycle Detectors
  - E.3 Detector Cables

**Figure 4**

**Firecycle® III Deluge System  
2", 3", 4" & 6" Angle Style Valve**

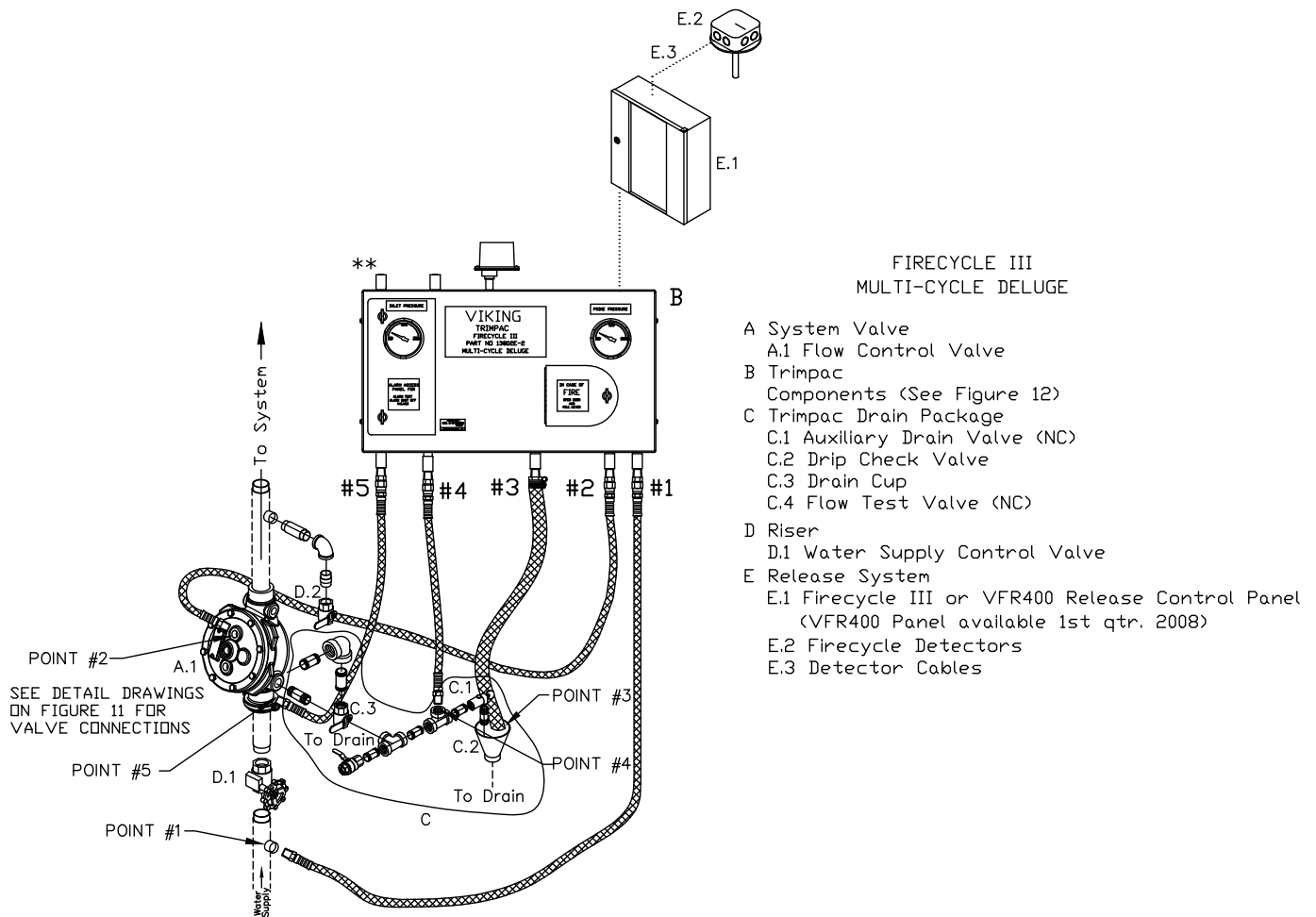


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**Figure 5  
Firecycle® III Deluge System  
1-1/2" & 2" Straight Through Vertical Valve**

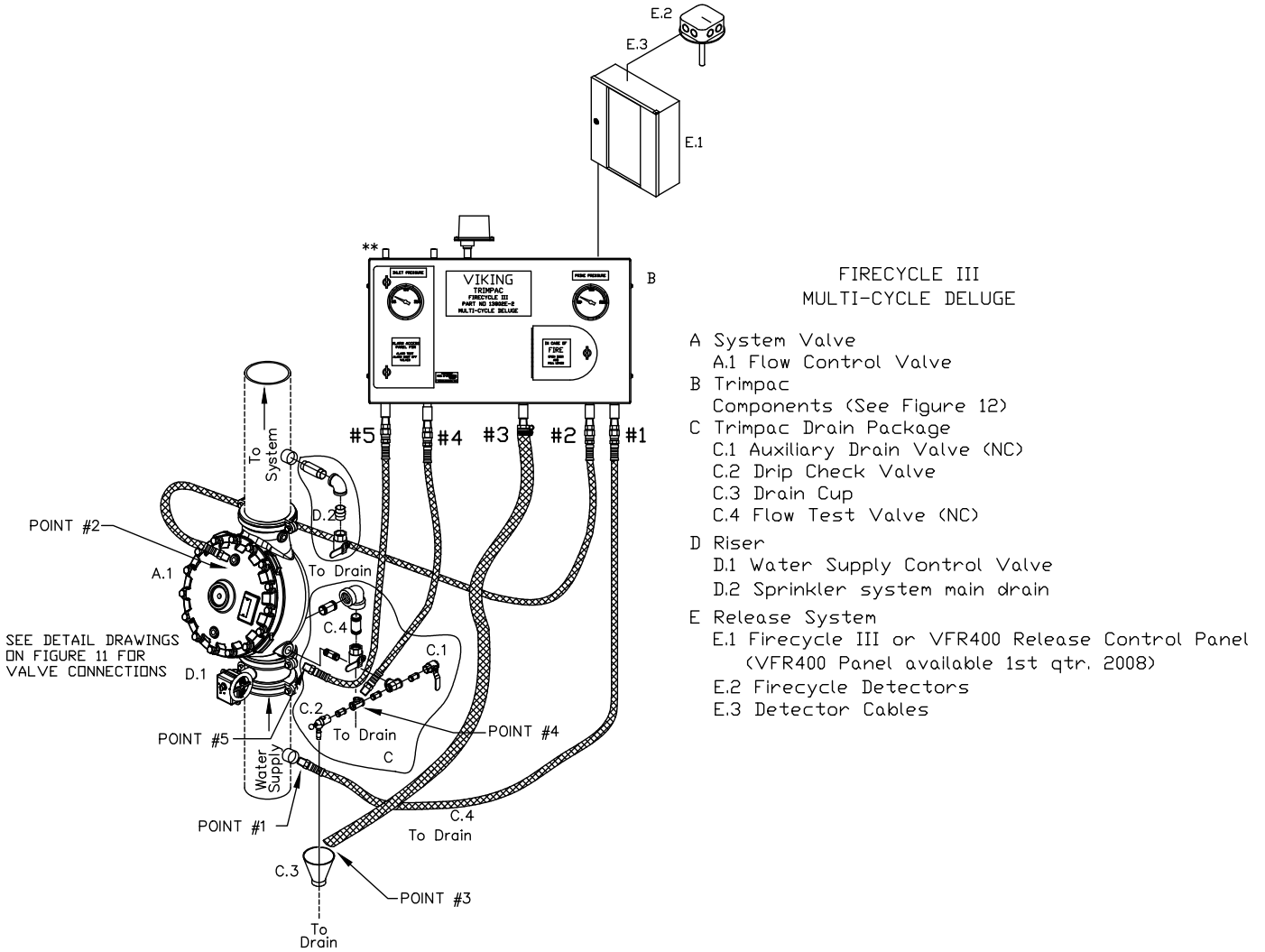


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**FIRECYCLE III  
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- A System Valve
  - A.1 Flow Control Valve
- B Trimpac Components (See Figure 12)
- C Trimpac Drain Package
  - C.1 Auxiliary Drain Valve (NC)
  - C.2 Drip Check Valve
  - C.3 Drain Cup
  - C.4 Flow Test Valve (NC)
- D Riser
  - D.1 Water Supply Control Valve
  - D.2 Sprinkler system main drain
- E Release System
  - E.1 Firecycle III or VFR400 Release Control Panel (VFR400 Panel available 1st qtr. 2008)
  - E.2 Firecycle Detectors
  - E.3 Detector Cables

SEE DETAIL DRAWINGS ON FIGURE 11 FOR VALVE CONNECTIONS

**Figure 6  
Firecycle® III Deluge System  
2-1/2" - 6" Straight Through Vertical Valve**

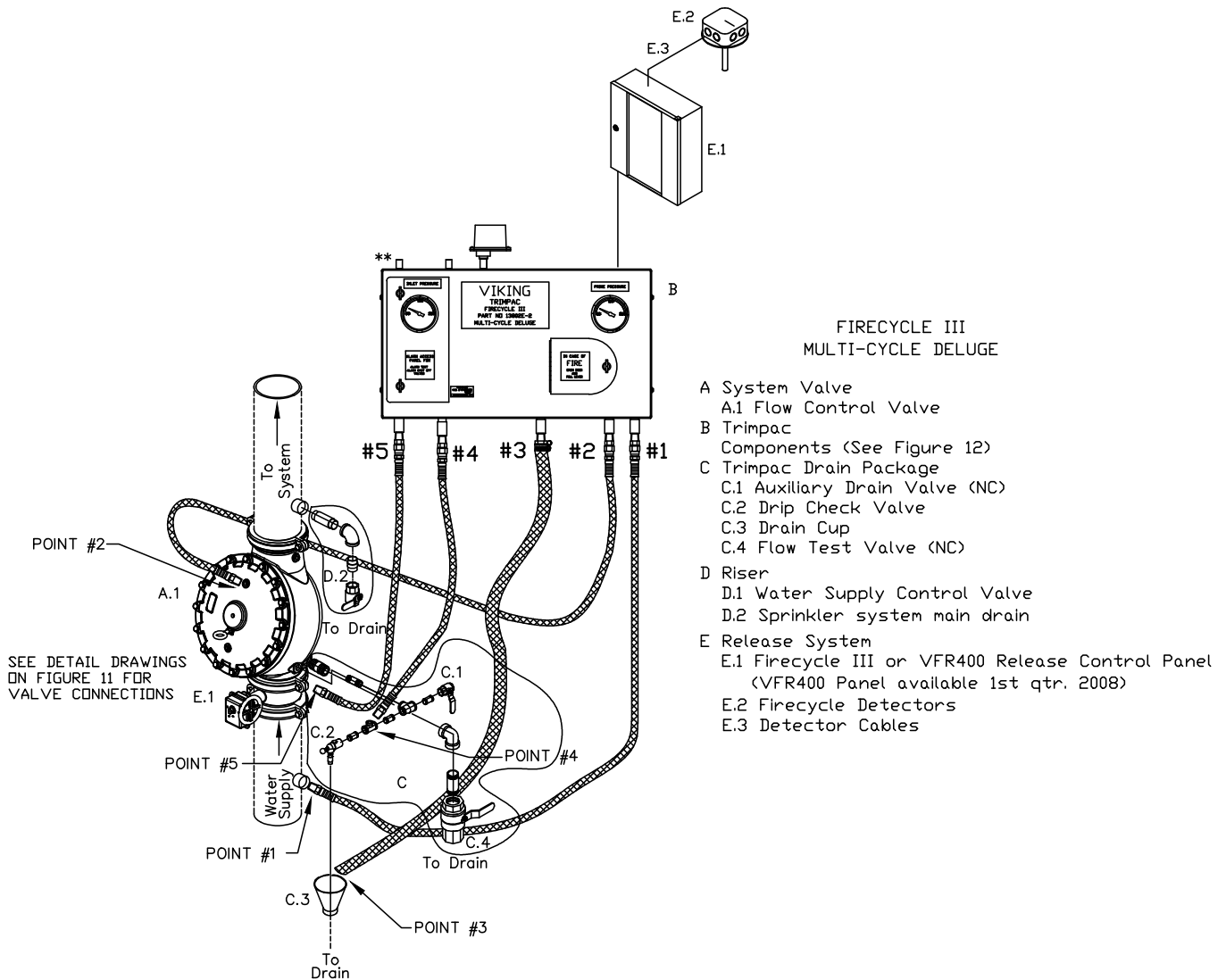


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**Figure 7  
Firecycle® III Deluge System  
8" Straight Through Vertical Valve**

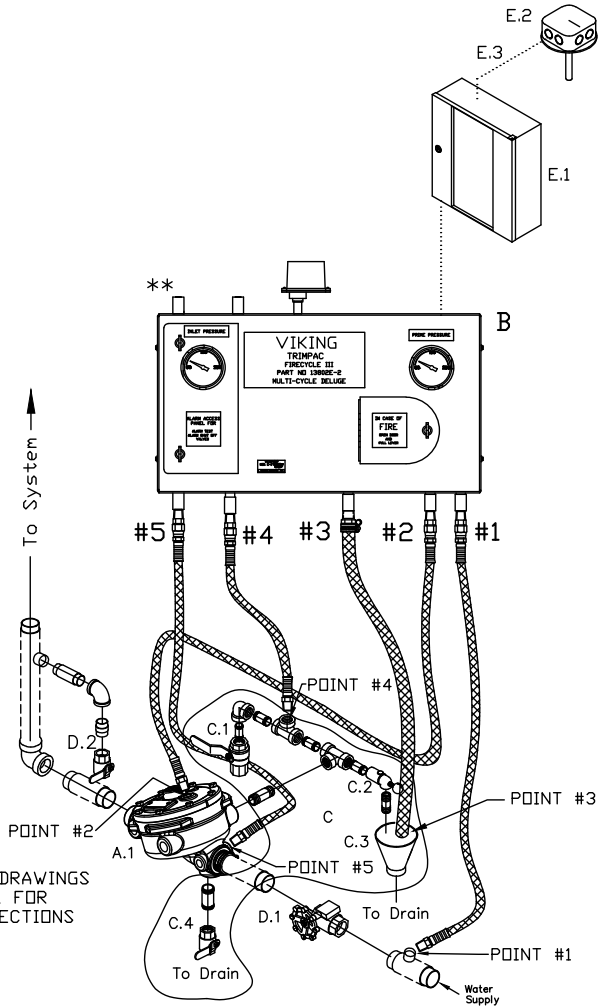


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**FIRECYCLE III  
MULTI-CYCLE DELUGE**

- A System Valve
  - A.1 Flow Control Valve
- B Trimpac
  - Components (See Figure 12)
- C Trimpac Drain Package
  - C.1 Auxiliary Drain Valve (NC)
  - C.2 Drip Check Valve
  - C.3 Drain Cup
  - C.4 Flow Test Valve (NC)
- D Riser
  - D.1 Water Supply Control Valve
  - D.2 System main drain
- E Release System
  - E.1 Firecycle III or VFR400 Release Control Panel  
(VFR400 Panel available 1st qtr. 2008)
  - E.2 Firecycle Detectors
  - E.3 Detector Cables

**Figure 8**

**Firecycle® III Deluge System**

**1-1/2" & 2" Straight Through Horizontal Valve**

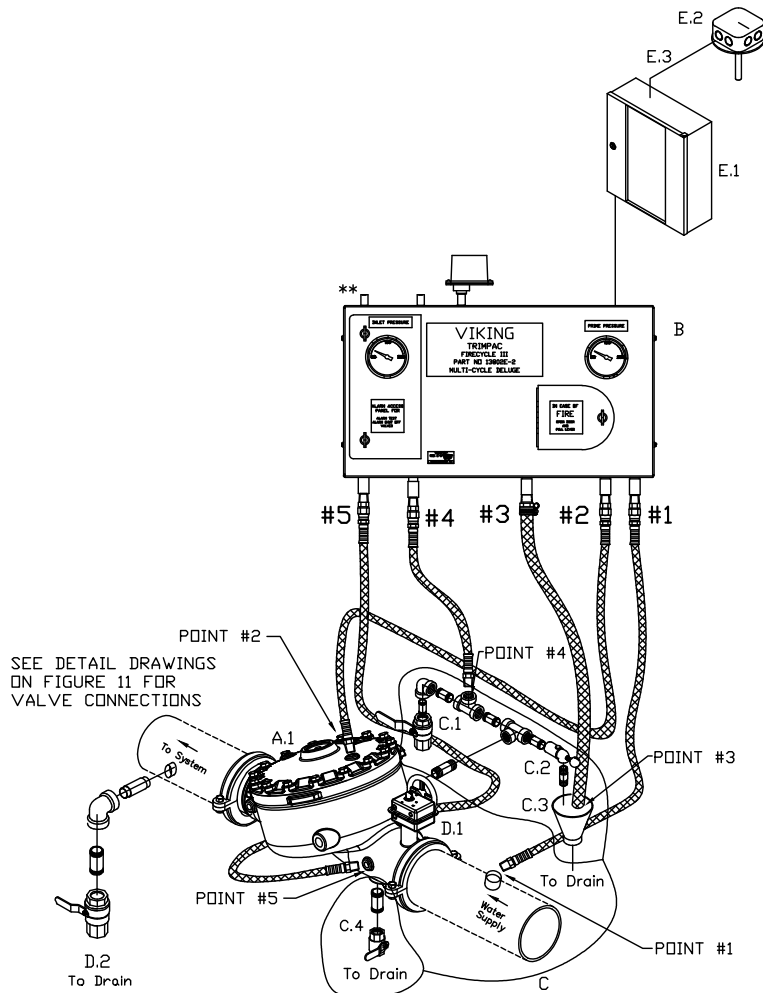


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- A System Valve
  - A.1 Flow Control Valve
- B Trimpac Components (See Figure 12)
- C Trimpac Drain Package
  - C.1 Auxiliary Drain Valve (NC)
  - C.2 Drip Check Valve
  - C.3 Drain Cup
  - C.4 Flow Test Valve (NC)
- D Riser
  - D.1 Water Supply Control Valve
  - D.2 System main drain
- E Release System
  - E.1 Firecycle III or VFR400 Release Control Panel (VFR400 Panel available 1st qtr. 2008)
  - E.2 Firecycle Detectors
  - E.3 Detector Cables

**Figure 9  
Firecycle® III Deluge System  
2-1/2" - 6" Straight Through Horizontal Valve**

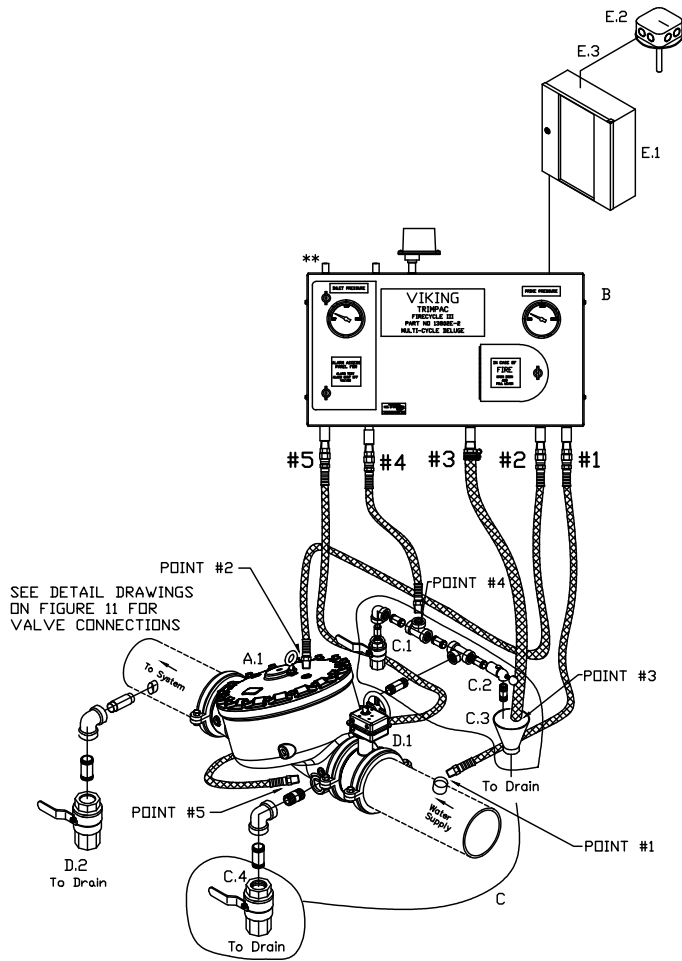


**TECHNICAL DATA**

**TRIMPAC® MODEL E-2 & E-2B  
FIRECYCLE® III  
MULTI-CYCLE DELUGE**

The Viking Corporation, 210 N Industrial Park Drive, Hastings MI 49058

Telephone: 269-945-9501 Technical Services: 877-384-5464 Fax: 269-818-1680 Email: techsvcs@vikingcorp.com



**FIRECYCLE III  
MULTI-CYCLE DELUGE**

- A System Valve
  - A.1 Flow Control Valve
- B Trimpac Components (See Figure 12)
- C Trimpac Drain Package
  - C.1 Auxiliary Drain Valve (NC)
  - C.2 Drip Check Valve
  - C.3 Drain Cup
  - C.4 Flow Test Valve (NC)
- D Riser
  - D.1 Water Supply Control Valve
  - D.2 System main drain
- E Release System
  - E.1 Firecycle III or VFR400 Release Control Panel (VFR400 Panel available 1st qtr. 2008)
  - E.2 Firecycle Detectors
  - E.3 Detector Cables

SEE DETAIL DRAWINGS ON FIGURE 11 FOR VALVE CONNECTIONS

**Figure 10  
Firecycle® III Deluge System  
8" Straight Through Horizontal Valve**

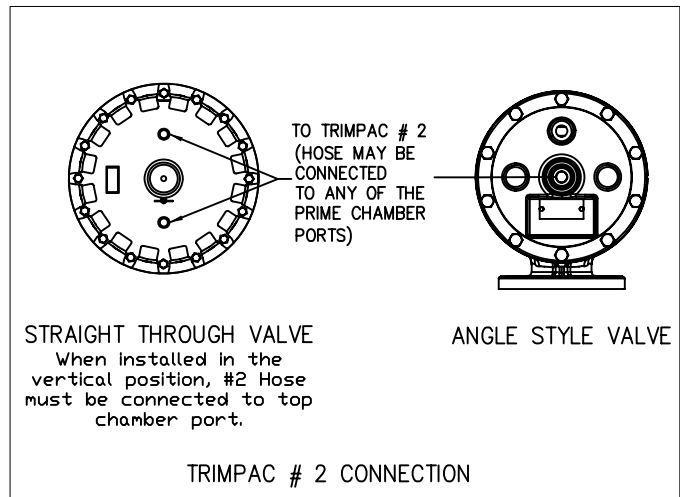
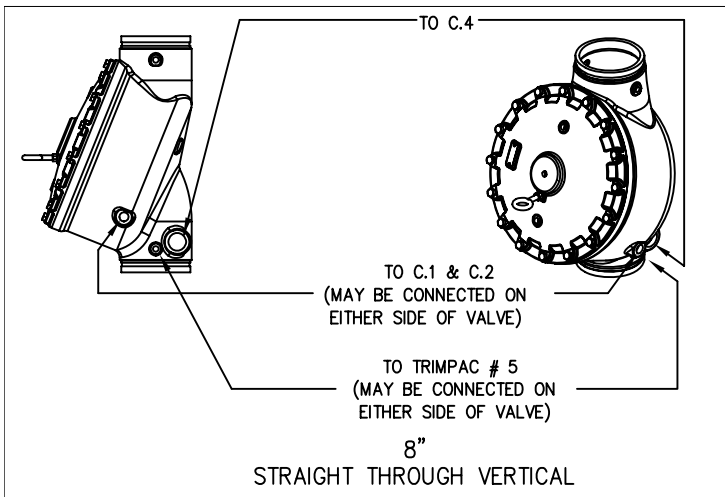
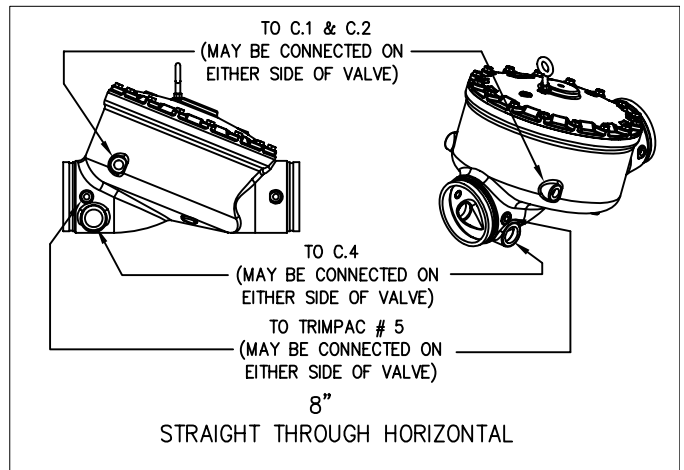
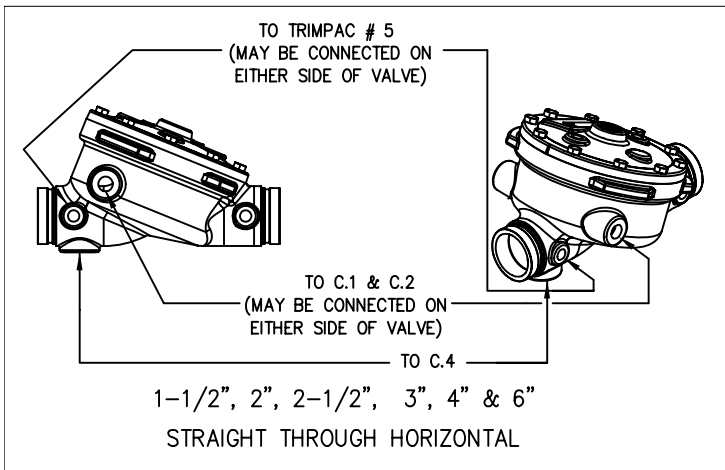
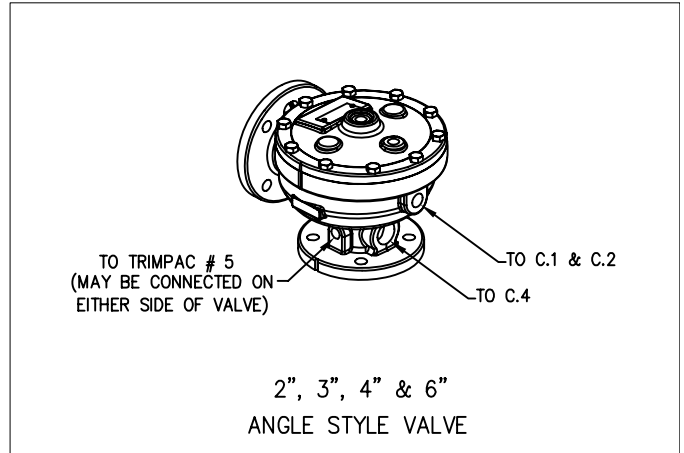
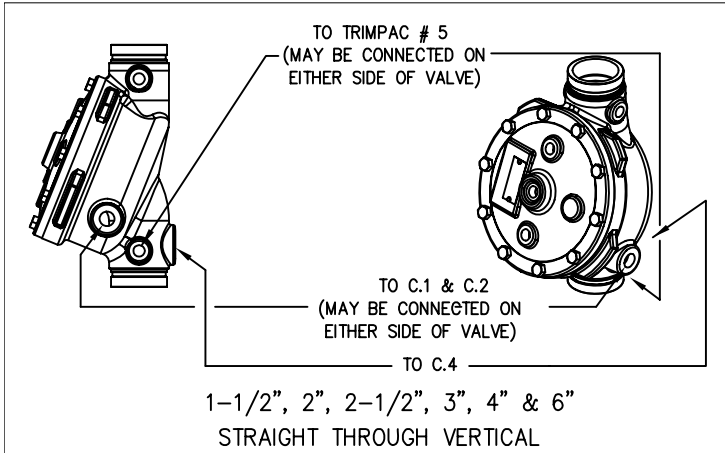


**TECHNICAL DATA**

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MULTI-CYCLE DELUGE**

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**Figure 11 - Valve Connections**

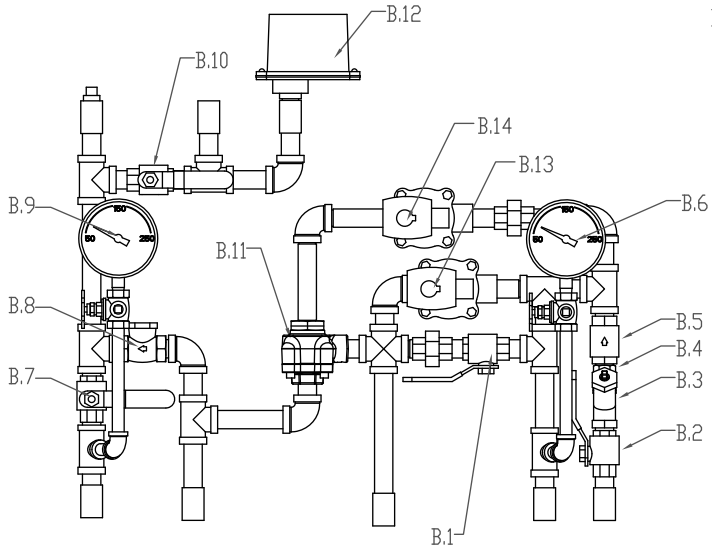


**TECHNICAL DATA**

**TRIMPAC® MODEL E-2 & E-2B  
FIRECYCLE® III  
MULTI-CYCLE DELUGE**

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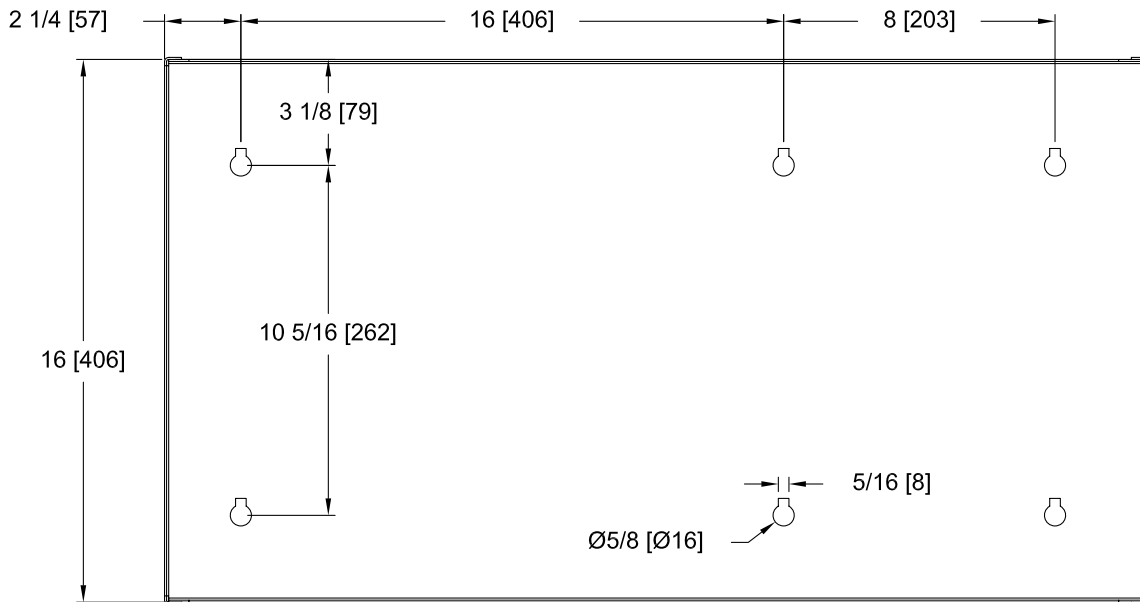
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- B. TRIMPAC, FIRECYCLE III Deluge
- B.1 Emergency Release (Normally Closed)
- B.2 Priming Valve (Normally Open)
- B.3 Strainer
- B.4 1/8" Restriction
- B.5 Spring Loaded Check Valve
- B.6 Priming Pressure Water Gauge and Valve
- B.7 Alarm Test Valve (Normally Closed)
- B.8 Drain Check Valve
- B.9 Water Supply Pressure Gauge and Valve
- B.10 Alarm Shut-Off Valve (Normally Open)
- B.11 Pressure Operated Relief Valve (PORV)
- B.12 Water Flow Alarm Pressure Switch
- B.13 Solenoid Valve (Normally Closed)
- B.14 Solenoid Valve (Normally Open)

**Note: Emergency Release (B.1) is closed when the handle is in-line with the pipe. This allows the door to close when the valve is in the normal position.**

**Figure 12 - Trimpac® Components (Items B.1 - B.14)**



**Wall Mounting Notes:**

1. Mounting Fasteners are supplied by the contractor.
2. Recommended Fasteners: Minimum 1/4" x 1-1/2 Lg. Hex Head lag screws with washers.
3. When installing into concrete, drywall or metal, use typical grommet.
4. Approximate weight of Trimpac® Model E-2 and Flexible Hoses: 55 lbs. (24.9 kg)

**Figure 13 - Mounting Dimensions**



**TECHNICAL DATA**

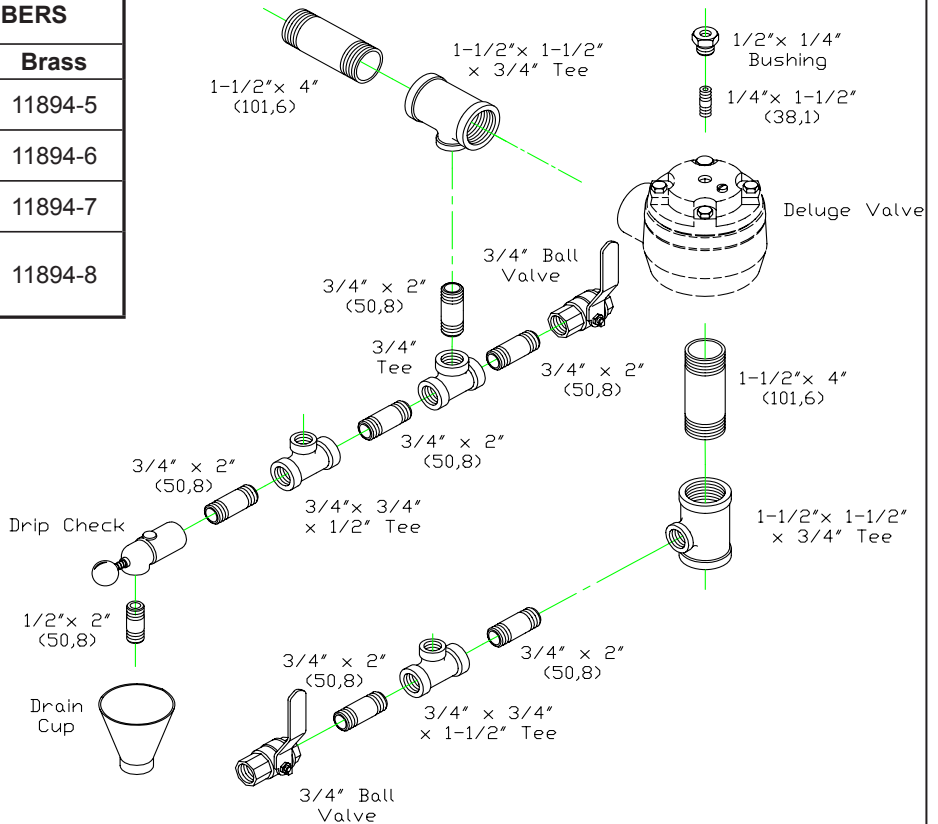
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FIRECYCLE® III  
MULTI-CYCLE DELUGE**

The Viking Corporation, 210 N Industrial Park Drive, Hastings MI 49058

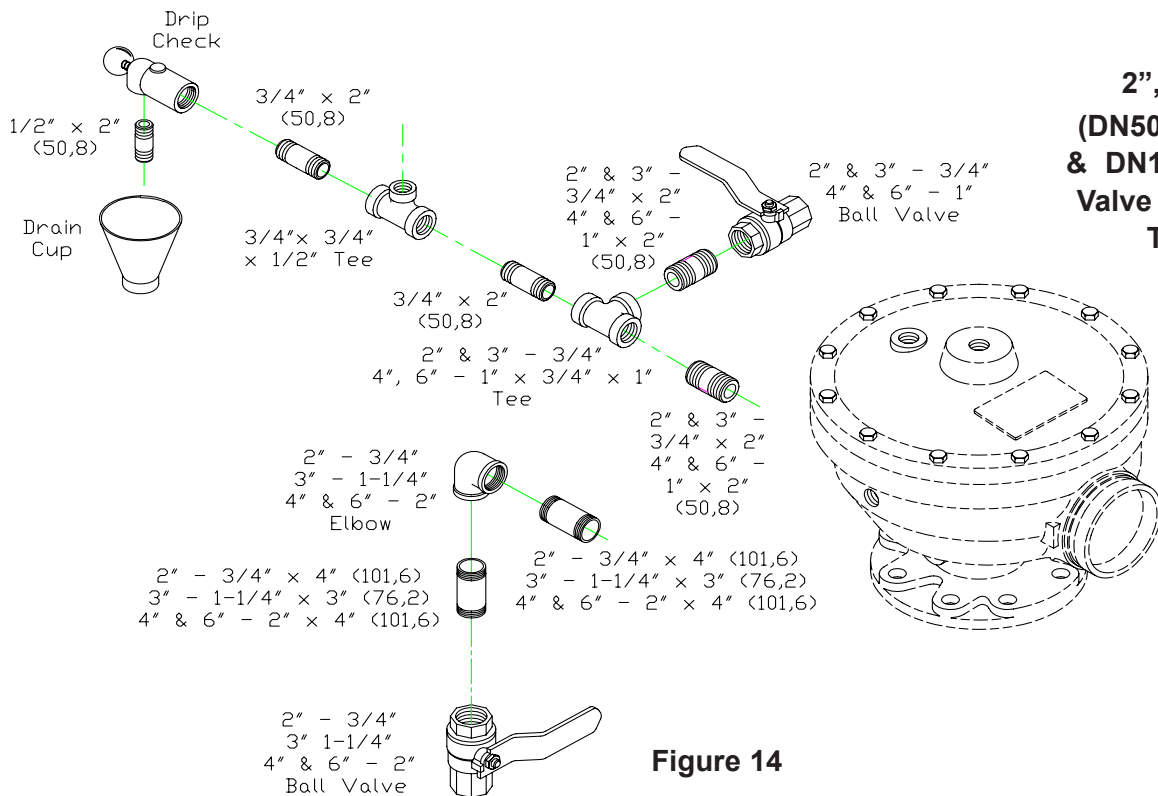
Telephone: 269-945-9501 Technical Services: 877-384-5464 Fax: 269-818-1680 Email: techsvcs@vikingcorp.com

TRIMPAC® DRAIN PACKAGE PART NUMBERS			
Valve	Size	Galvanized	Brass
Angle	1-1/2" (DN40)	11894-1	11894-5
Angle	2" (DN50)	11894-2	11894-6
Angle	3" (DN76)	11894-3	11894-7
Angle	4" (DN100) 6" (DN150)	11894-4	11894-8

**1-1/2" (DN40)  
Angle Style Valve  
Drain Package Trim Chart**



**2", 3", 4" & 6"  
(DN50, DN76, DN100  
& DN150) Angle Style  
Valve Drain Package  
Trim Chart**



**Figure 14**



**TECHNICAL DATA**

**TRIMPAC® MODEL E-2 & E-2B  
FIRECYCLE® III  
MULTI-CYCLE DELUGE**

The Viking Corporation, 210 N Industrial Park Drive, Hastings MI 49058

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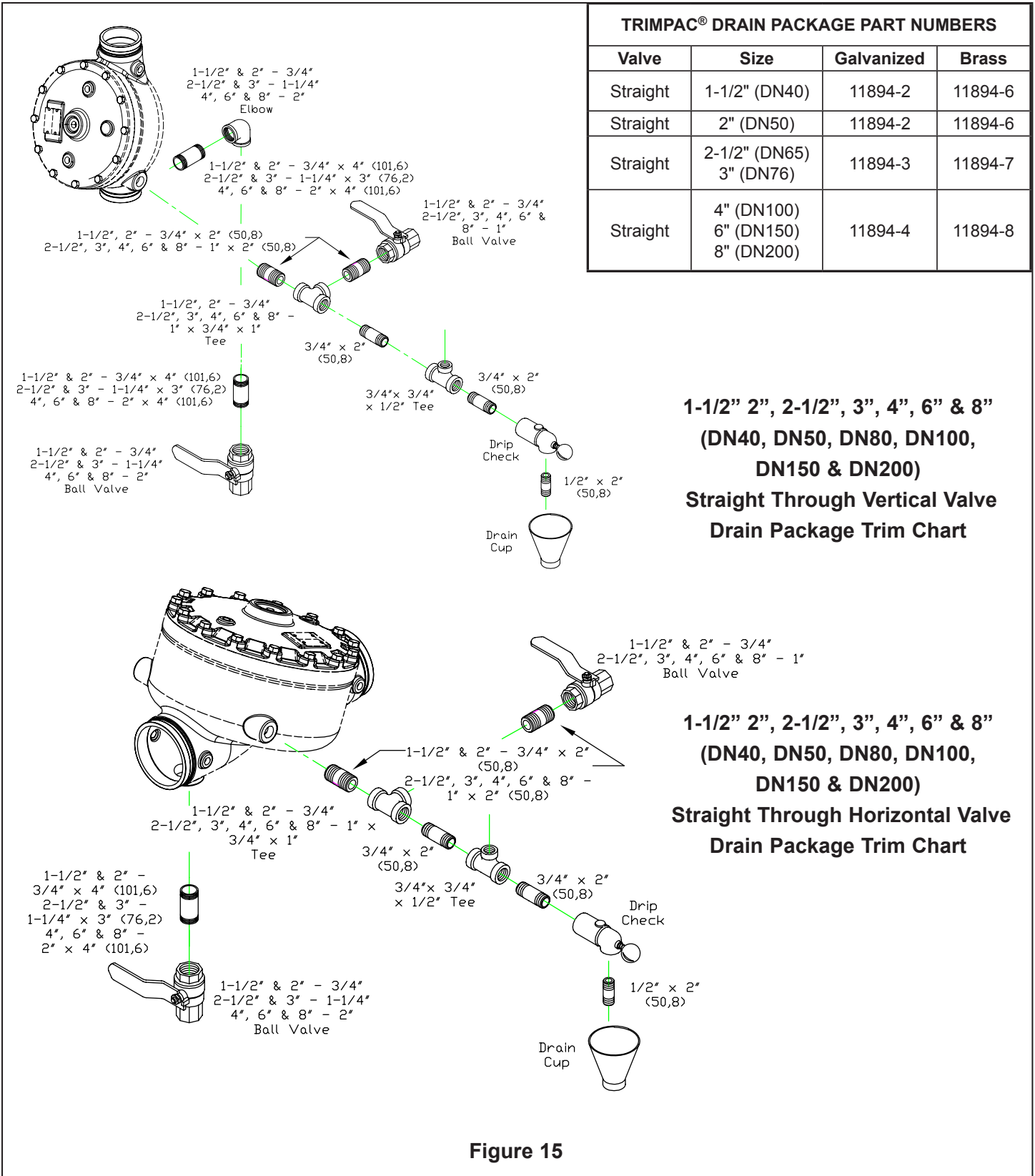


Figure 15



**TECHNICAL DATA**

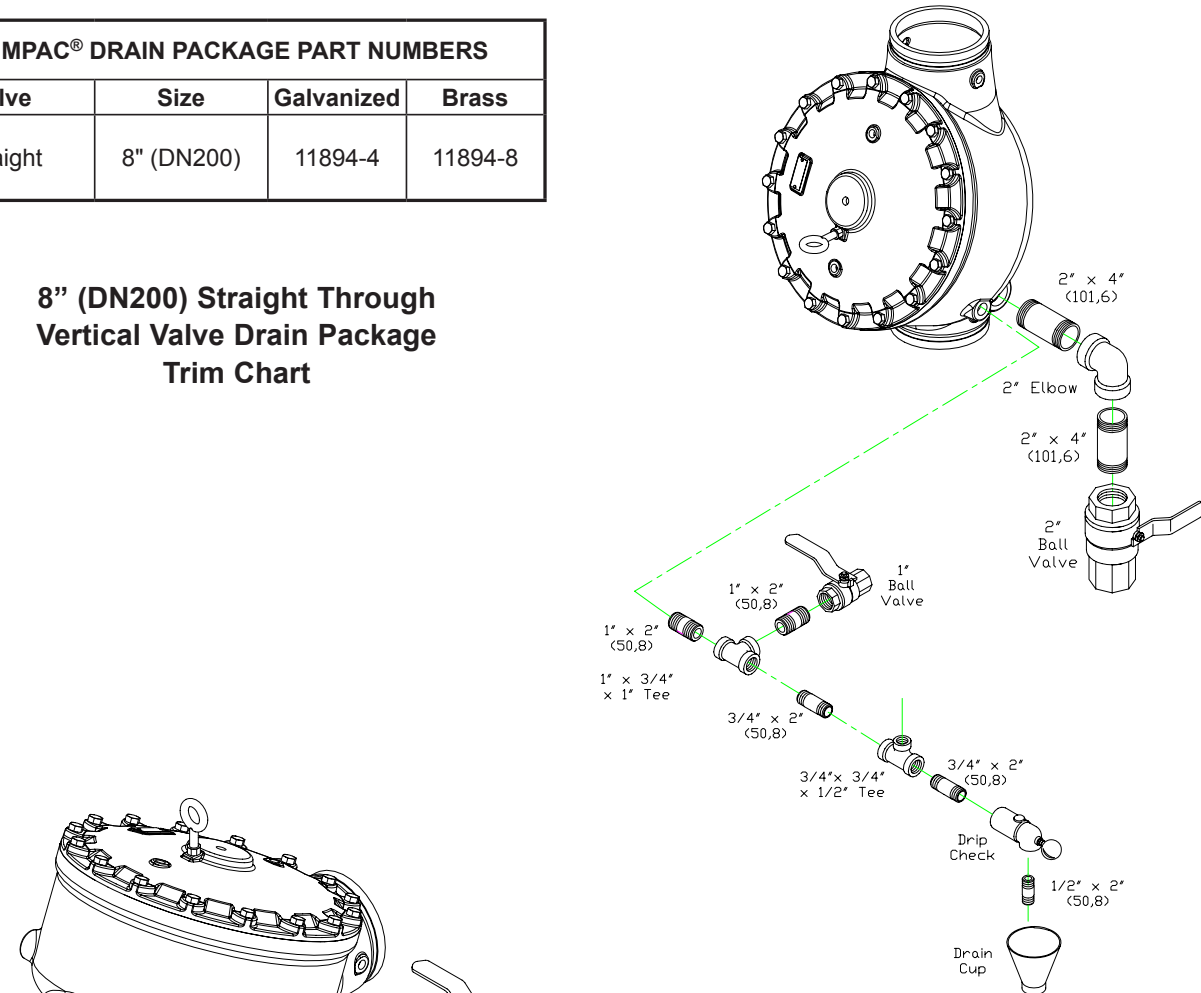
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FIRECYCLE® III  
MULTI-CYCLE DELUGE**

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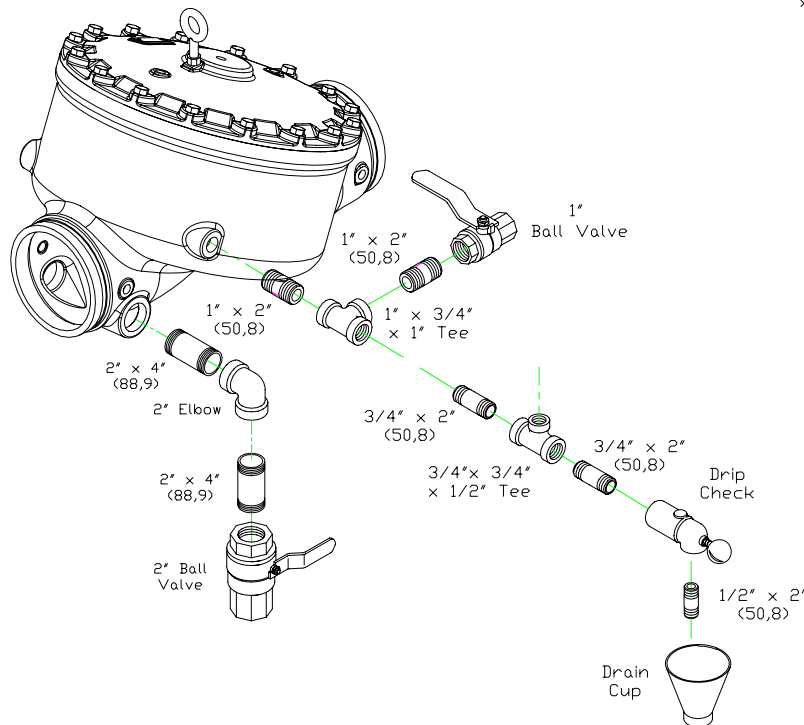
Telephone: 269-945-9501 Technical Services: 877-384-5464 Fax: 269-818-1680 Email: techsvcs@vikingcorp.com

TRIMPAC® DRAIN PACKAGE PART NUMBERS			
Valve	Size	Galvanized	Brass
Straight	8" (DN200)	11894-4	11894-8

**8" (DN200) Straight Through  
Vertical Valve Drain Package  
Trim Chart**



**8" (DN200) Straight Through  
Horizontal Valve Drain Package  
Trim Chart**



**Figure 16**

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