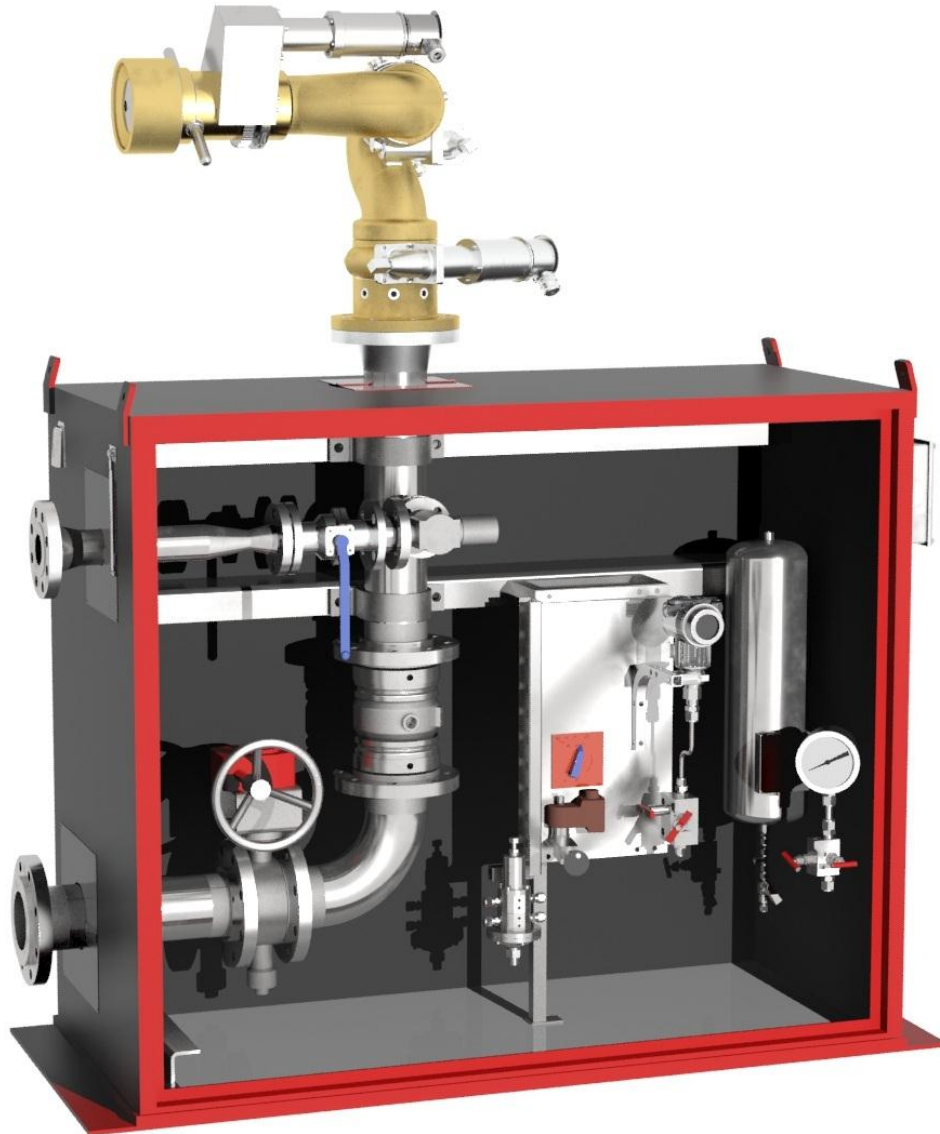


## MON-04 - Electric Remote Monitor Valve Skid



### MON-04 – ELECTRIC REMOTE MONITOR VALVE SKID

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## MON-04 - Electric Remote Monitor Valve Skid

### Standard material

|                       |                                  |
|-----------------------|----------------------------------|
| Cabinet:              | SST AISI 316, painted externally |
| Piping:               | Titanium gr. 2                   |
| Valve:                | Titanium gr. 2                   |
| Monitor Valve:        | Inbal 799 PCV, Titanium gr. 2    |
| Monitor:              | Bronze                           |
| Nozzle:               | Bronze                           |
| Remote Control Panel: | AISI 316LSS, Zone 2              |

### Installation

Mount: Bolt to deck.

### Operation

Open Inbal Deluge Valve manually at the skid, remotely via the platform F&G system, remote control panel, or by activating the local manual release instrument valve. The Inbal valve maintains a steady pressure and flow to the monitor, un-dependent on varying inlet pressures.

Monitor: Electric (24 VDC or 230+VAC) remote controlled with manual override capability if platform option chosen. Zone 2 hazardous area certified.

Remote Control Panel: Control rotation, elevation, and nozzle spray pattern at a safe distance from the monitor. The monitor can be adjusted from approx. 45 Degrees below horizontal to 75 Degrees above horizontal. The rotation is 360 degrees and the nozzle can be adjusted from jet to wide fog. Increase the quantity of control panels to operate the monitor from more than one location.

## MON-04 - Electric Remote Monitor Valve Skid

### Options

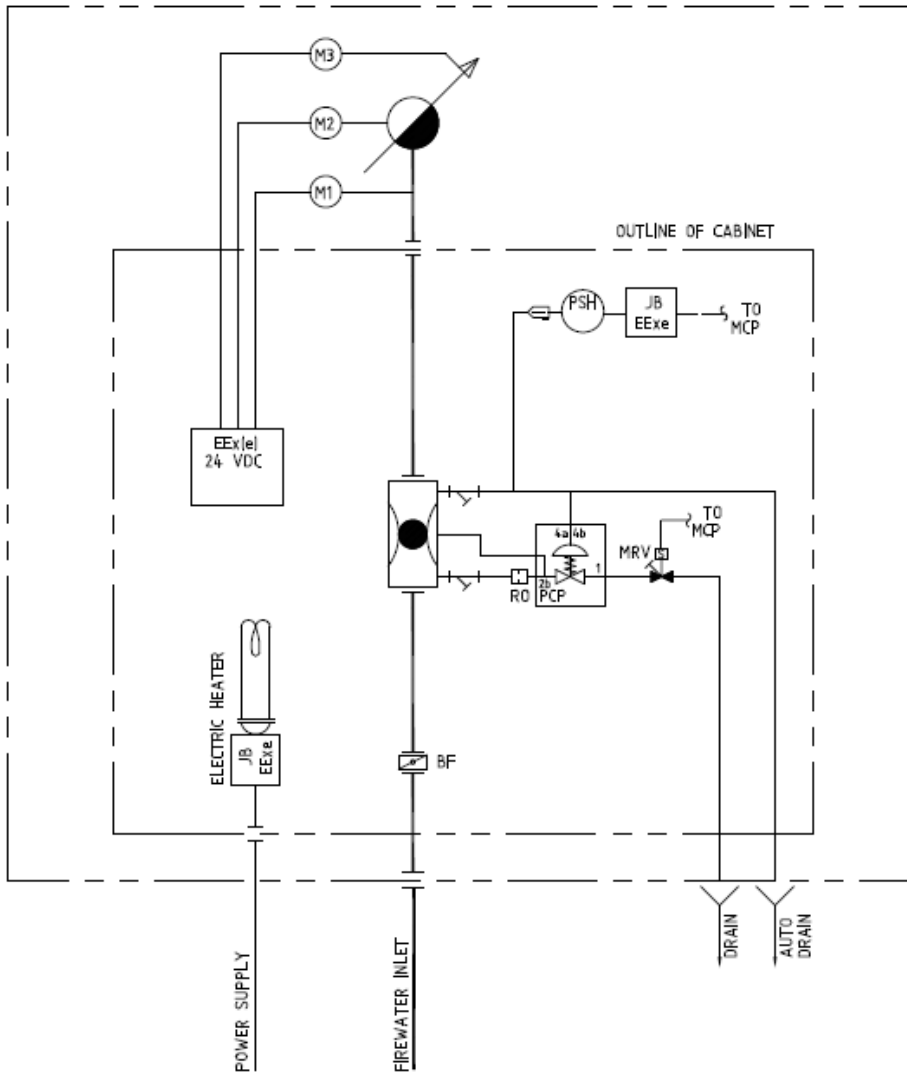
- Piping:**
- Cunifer CU 90/10 w/ Alubronze valve
  - Super Duplex Stainless Steel
- Cabinet:**
- Platform to manually operate monitor.
  - Insulation
  - Heater (Zone 1 Certified)
- Mount:**
- Seal weld w/ 309 filler wire (316SS to C.S.)
- Monitor:**
- Electric (Project Voltage Preference)
  - Hydraulic (Requires hydraulic power pack)
- Remote Control Panel:**
- Modify design for operation inside the platform's Control Room.
  - Increase quantity for operation from more than one location.
- Working pressure:** 20 barg (290 psig)
- Test pressure:** 30 barg (435 psig)

**Table 1: MON-04 Dimension and Flow Data**

| Size   | Max Flow                 | Required inlet pressure | Length | Height | Depth | Dry Weight |
|--|--------------------------|-------------------------|--------|--------|-------|------------|
| Inch   | m <sup>3</sup> /hr (gpm) | Barg (psi)              | mm     | mm     | mm    | kg         |
| 6  | 240 (1,057)              | 10.5 (152)              | 1700   | 1700   | 700   | 600        |
| 4  | 120 (528)                | 10.5 (152)              | 1700   | 1700   | 700   | 450        |
| <p>Note:</p> <ol style="list-style-type: none"> <li>1. Flow rates are based on an approximate nozzle inlet pressure of 7 barg (100 psig).</li> </ol> |                          |                         |        |        |       |            |

## MON-04 - Electric Remote Monitor Valve Skid

### P&ID



Note: Heater is an option.