Icon

Description automatically generated

2

UL-US-2020332-1

**Certificate of**

**Compliance**

E28476-20210309

|  |  |  |
| --- | --- | --- |
|  |  | Issued to: |
| **Certificate Number:**  A-EX6008  **Report Reference:**  EX6008-19970317  **Issue Date:**  2024-03-20 |  | **BERMAD INC**  **3816 S Willow Ave, Number 101**  **Fresno CA 93725 United States**  This certificate confirms that representative samples of:  **SPECIAL SYSTEM WATER CONTROL VALVES, DELUGE TYPE**  **See Addendum Page for Product Designation(s).**  Have been evaluated by UL in accordance with the Standard(s) indicated on this Certificate.  **UL 260, Standard for Dry Pipe and Deluge Valves for Fire-Protection Service**  **ULC/ORD-C260-75, Guide for the Investigation of Dry Pipe, Deluge, and Pre-Action Valves for Fire Protection Service**  Additional Information:  See UL Product iQ® at <https://iq.ulprospector.com> for additional information. |
|  |  | This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.  Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL’s Follow-Up Services.  Look for the UL Certification Mark on the product. |

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Product/Model:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Model | Pattern | Size, NPS | Rated Pressure, psi (kPa) | Installation Orientation | End Configuration |
| 400E | Globe | 1-1/2, 2, 2-1/2, 3, 4, 6, 8, 10 | 250 (1723) | Horizontal, Vertical | Flanged, Grooved, Threaded |
| 400Y | Globe | 1-1/2, 2, 2-1/2, 3, 4, 6, 8 | 365 (2516) | Horizontal, Vertical | Flanged, Grooved, Threaded |
| 400Y | Globe | 10 | 365 (2516) | Horizontal, Vertical | Flanged, Grooved |
| 400Y | Globe | 12, 14, 16 | 300 (2068) | Horizontal, Vertical | Flanged |
| 700E | Globe | 1-1/2, 2, 2-1/2, 3, 4, 6, 8, 10 | 300 (2068) | Horizontal, Vertical | Flanged, Grooved, Threaded |
| 700E | Angle | 2, 3, 4, 6, 8, 10 | 300 (2068) | Horizontal, Vertical | Flanged, Grooved, Threaded |

For operation hydraulically, pneumatically, electrically, manually or combinations thereof. The height of the pilot line above the valve is limited as shown in the manufacturer's installation instructions.

Model 400E deluge valves: For use with trim configurations 1D, 2D, 3D, 4D, 5D, 6D, 3U, 4U, 5U, 6U On-Off operation and 3D-RL, 3U, 6U Remote Resetting for De-Latching and 1M, 2M, 3M, 3UM, 4M, 4UM, 5M, 5UM, 6M, 6UM, 7M with Manual Local Resetting arrangements and double-interlock trim configurations 7B, 7BM and 7DM as shown in the manufacturer’s installation instructions.

Model 400E deluge valves with pressure-regulating trim: For use with trim configurations 1MC, 2DC, 2MC, 3DC, 4DC, 5DC, and 6DC, with or without H suffix code for manual local resetting and with or without option code 06 for pressure differential sensing installed in accordance with the manufacturer's installation instructions.

The 400E valves can be provided with or without auxiliary spring and can be equipped with the following optional accessories: Valve Closing Speed Control, code 01, Valve Opening Speed Control, code 02. Valve Opening & Closing Speed Control Combination, code 03, Hazardous location solenoid valves, Valve Visual Position Indicator Stem, Electric Limit Switch and Hazardous location Limit Switch.

Model 400Y: For operation hydraulically, pneumatically, electrically, manually or combinations thereof. The height of the hydraulic/ wet pilot line above the valve is limited as shown in the manufacturer's installation instructions. For use with trim configurations model 1D, 2D, 3D, 4D, 5D, 6D, 3U, 4U, 5U, 6U On-Off operation and 3D-RL, 3U, 6U Remote Resetting for De-Latching and 1M, 2M, 3M, 4M, 5M, 6M, 7M, 3UM, 4UM, 5UM, 6UM with Manual Local Resetting arrangements, as shown in the manufacturer's installation instructions. The 2D trim may employ the Listed Burket Models 5404-A and 6281-EVA solenoid valves that have been UL Listed per UL429 and UL429A Standards.

Model 400Y double-interlock pre-action system with trim configurations 7B, 7BM and 7DM, as shown in the manufacturer’s installation instructions.

Model 400Y deluge valve with pressure regulating trim for outlet setting range 60-175 psig: For use with trim configurations 1MC, 2MC, 3DC, 4DC, 5DC and 6DC with or without H suffix code for manual local resetting and with or without option code 06 for pressure differential sensing, installed in accordance with the manufacturer's installation instructions.

Model 400Y can be provided with or without auxiliary spring and can be equipped with the following optional accessories: Valve Closing Speed Control, code 01, Valve Opening Speed Control, code 02. Valve Opening & Closing Speed Control Combination, code 03, , Valve Visual Position Indicator, Electric Limit Switch and Hazardous location Limit Switch.

The 2-1/2 in. Size valve shall be provided with the marking nameplate as described in Ill. 266.

Model 700E deluge valve: For operation hydraulically, pneumatically, electrically, manually or combinations thereof. The height of the pilot line above the valve is limited as shown in the manufacturer' installation instructions. For use with trim configurations 1D, 2D, 3D, 4D, 5D, 6D, 3U, 4U, 5U, 6U On-Off operation and 3D-RL, 3U, 6U Remote Resetting for De-Latching and 1M, 2M, 3M, 3UM, 4M, 4UM, 5M, 5UM, 6M, 6UM, 7M with Manual Local Resetting arrangements and double-interlock trim configurations 7B, 7BM and 7DM, as shown in the manufacturer's installation instructions.

Model 700E deluge water control valve with pressure regulating trim: For use with trim configurations 1MC, 2DC, 2MC, 3DC, 4DC, 5DC, and 6DC, with or without H suffix code for manual local resetting and with or without option code 06 for pressure differential sensing installed in accordance with the manufacturer's installation instructions.

The 700E valves can be equipped with the following optional accessories: Valve Closing Speed Control, code 01. Valve Opening Speed Control, code 02. Valve Opening & Closing Speed Control Combination, code 03, Hazardous location solenoid valves, Valve Visual Position Indicator Stem, Electric Limit Switch and Hazardous location Limit Switch.