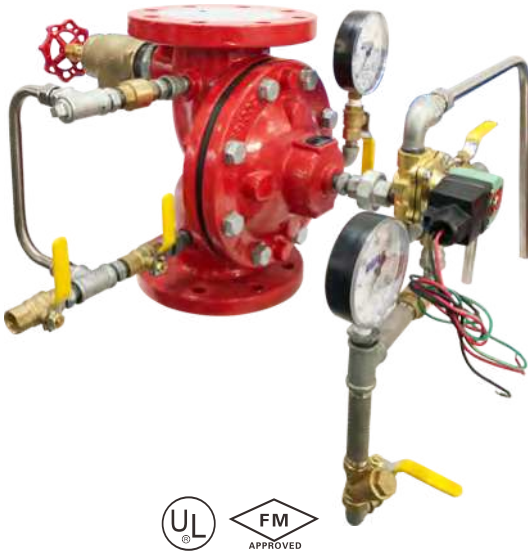
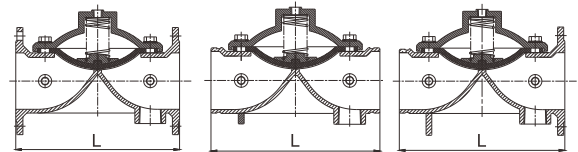


Deluge valve

Deluge valve is mainly used in high flow deluge system. It is a diaphragm valve to automatically control the system water flow, and it actuates upon the wet pilot line, dry pilot line, electrical signal, and emergency manual release.



- Certificate: UL Listed / FM Approved
- Standard: UL 260
- Connection: Flanged ANSI B16.1 Class 125, EN 1092 PN 16, grooved, etc.
- Feature: Electrical actuation (Standard), vertical or horizontal installation
- Temperature: 0°C to 87°C
- W. pressure: 200 / 285 / 300 psi
- Surface: FBE coating as AWWA C550



Main parts and material

Body / cover	Ductile iron as ASTM A536, 65-45-12	Diaphragm	BNR rubber as ASTM D2000
Standard Accessories	Complete pipelines for electrical actuation, solenoid valve, etc.	Pre-assembly components	Water motor gong, alarm pressure switch, pressure gauge

Available size (Source 1 with UL)

Size		L	Actuation type	Connection	Working pressure (psi)	Ref. No.
Inch	DN	mm				
2"	50	233	Electrical / wet / dry	FxF, GxG, FxG	300	V6701 (UL)
2-1/2"	65	290	Electrical / wet / dry	FxF, GxG, FxG	300	V6702 (UL)
3"	80	310	Electrical / wet / dry	FxF, GxG, FxG	300	V6703 (UL)
4"	100	356	Electrical / wet / dry	FxF, GxG, FxG	300	V6704 (UL)
6"	150	436	Electrical / wet / dry	FxF, GxG, FxG	300	V6705 (UL)
8"	200	530	Electrical / wet / dry	FxF, GxG, FxG	300	V6706 (UL)
10"	250	636	Electrical / wet / dry	FxF, GxG, FxG	300	V6707 (UL)
12"	300	835	Electrical / wet / dry	FxF, GxG, FxG	300	V6708 (UL)

Note:

1. For wet pilot line trim, it includes different trim pipeline.
2. For dry pilot line trim, it includes different trim pipeline, air compressor, pneumatic actuator.
3. The flanged end connection is available with ANSI B16.5 Class 150, ANSI B16.42 Class 150, BS 4504 PN 16, or DIN 2532 PN 16.

Deluge valve

Available size (Source 2 with UL/FM)

Size		L	Actuation type	Connection	Working pressure (psi)	Ref. No.
Inch	DN	mm				
1-1/2"	40	259	Electrical / wet / dry	FxF, GxG	300	V6711 (UL/FM)
2"	50	259	Electrical / wet / dry	FxF, GxG	300	V6712 (UL/FM)
3"	80	351	Electrical / wet / dry	FxF, GxG	300	V6713 (UL/FM)
4"	100	427	Electrical / wet / dry	FxF, GxG	300	V6714 (UL/FM)
6"	150	569	Electrical / wet / dry	FxF, GxG	300	V6715 (UL/FM)
8"	200	699	Electrical / wet / dry	FxF, GxG	300	V6716 (UL/FM)

Note:

1. For wet pilot line trim, it includes different trim pipeline.
2. For dry pilot line trim, it includes different trim pipeline, air compressor, pneumatic actuator.
3. The flanged end connection is available with ASME B16.1 Class 125 or BS 4504 PN 16, or DIN 2532 PN 16.

Available size (Source 3 with UL with more materials)

Size		L	Actuation type	Connection	Working pressure (psi)	Ref. No.
Inch	DN	mm				
3"	80	305	Electrical / wet / dry	FxF, GxG	250 / 285 / 300	V6731 (UL)
4"	100	381	Electrical / wet / dry	FxF, GxG	250 / 285 / 300	V6732 (UL)
6"	150	508	Electrical / wet / dry	FxF, GxG	250 / 285 / 300	V6733 (UL)
8"	200	645	Electrical / wet / dry	FxF, GxG	250 / 285 / 300	V6734 (UL)
10"	250	756	Electrical / wet / dry	FxF	250 / 285 / 300	V6735 (UL)
12"	300	864	Electrical / wet / dry	FxF	250 / 285 / 300	V6736 (UL)

Note:

1. The material of the main valve body & cover is also available with cast steel ASTM A216-WCB, nickel aluminum bronze ASTM B148, SS, etc.
2. It has a simple design with main valve, solenoid valve, and auxiliary pilot valve, without pre-assembled components (water motor gong, etc.), and is available in both globe and angle configurations.
3. The flanged end connection is available with ANSI B16.42 Class 150 / 300, ANSI B16.5 Class 150 / 300.

Available size (Source 4 with UL/FM)

Size		L	Actuation type	Connection	Working pressure (psi)	Ref. No.
Inch	DN	mm				
2"	50	280	Electrical / wet	FxF, GxG, FxG	300	V6741 (UL/FM)
3"	80	310	Electrical / wet	FxF, GxG, FxG	300	V6742 (UL/FM)
4"	100	350	Electrical / wet	FxF, GxG, FxG	300	V6743 (UL/FM)
6"	150	480	Electrical / wet	FxF, GxG, FxG	300	V6744 (UL/FM)
8"	200	600	Electrical / wet	FxF, GxG, FxG	300	V6745 (UL/FM)

Note:

1. For wet pilot line trim, it includes different trim pipeline.
2. The flanged end connection is available with ANSI B16.5 Class 150, ANSI B16.42 Class 150, BS 4504 PN 16, or DIN 2532 PN 16.