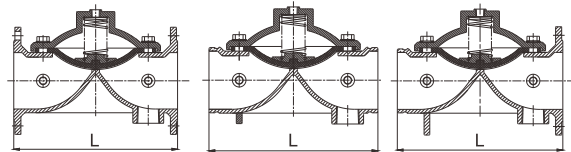


Preaction Valve

Preaction valve is mainly used in preaction system, which utilize compressed nitrogen or air in the system piping, and water under pressure is held below the deluge valve until electrical/pneumatic actuators operate.



- Certificate: UL Listed / FM Approved
- Standard: UL 260, FM 1011/1012/1013
- Connection: Flanged ANSI B16.1 Class 125, EN 1092 PN 16, grooved, etc.
- Feature: Double interlocked (Standard), vertical or horizontal installation
- Temperature: 0°C to 87°C
- W. pressure: 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, standard solenoid valve, pressure gauge	Pre-assembly components	Water motor gong, alarm pressure switch, pressure gauge

Available size (Source 1 with UL)

Size		L	Trim configuration	Actuation	Connection	Working pressure (psi)	Ref. No.
Inch	DN	mm					
2"	50	233	Double interlock	P-P	FxF, GxG, FxG	300	V6801 (UL)
2-1/2"	65	290	Double interlock	P-P	FxF, GxG, FxG	300	V6802 (UL)
3"	80	310	Double interlock	P-P	FxF, GxG, FxG	300	V6803 (UL)
4"	100	356	Double interlock	P-P	FxF, GxG, FxG	300	V6804 (UL)
5"	125	370	Double interlock	P-P	FxF, GxG, FxG	300	V6805 (UL)
6"	150	436	Double interlock	P-P	FxF, GxG, FxG	300	V6806 (UL)
8"	200	530	Double interlock	P-P	FxF, GxG, FxG	300	V6807 (UL)
10"	250	636	Double interlock	P-P	FxF, GxG, FxG	300	V6808 (UL)
12"	300	835	Double interlock	P-P	FxF, GxG, FxG	300	V6809 (UL)

Note:

1. For P-P actuation, it means pneumatic-pneumatic actuation.
2. The valve assembly must be worked with air pressure maintenance device and air compressor, and they are separately supplied.
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.

Preaction Valve

Available size (Source 2 with UL/FM)

Size		L	Trim configuration	Actuation	Connection	Working pressure (psi)	Ref. No.
Inch	DN	mm					
1 1/2"	40	259	Double interlock	E-P / E-E	FxF, GxG	250	V6811 (UL/FM)
2"	50	259	Double interlock	E-P / E-E	FxF, GxG	250	V6812 (UL/FM)
3"	80	351	Double interlock	E-P / E-E	FxF, GxG	250	V6813 (UL/FM)
4"	100	427	Double interlock	E-P / E-E	FxF, GxG	250	V6814 (UL/FM)
6"	150	569	Double interlock	E-P / E-E	FxF, GxG	250	V6815 (UL/FM)
8"	200	699	Double interlock	E-P / E-E	FxF, GxG	250	V6816 (UL/FM)
1 1/2"	40	259	Single interlock	Electrical / wet / dry	FxF, GxG	250	V6817 (UL/FM)
2"	50	259	Single interlock	Electrical / wet / dry	FxF, GxG	250	V6818 (UL/FM)
3"	80	351	Single interlock	Electrical / wet / dry	FxF, GxG	250	V6819 (UL/FM)
4"	100	427	Single interlock	Electrical / wet / dry	FxF, GxG	250	V6820 (UL/FM)
6"	150	569	Single interlock	Electrical / wet / dry	FxF, GxG	250	V6821 (UL/FM)
8"	200	699	Single interlock	Electrical / wet / dry	FxF, GxG	250	V6822 (UL/FM)

Note:

1. For E-P actuation, it means electrical-pneumatic actuation, for E-E actuation, it means electrical-electrical actuation.
2. The valve assembly must be worked with air pressure maintenance device and air compressor, and they are separately supplied.
3. The flanged end connection is available with ASME B16.1 Class 125 or BS 4504 PN 16, or DIN 2532 PN 16.