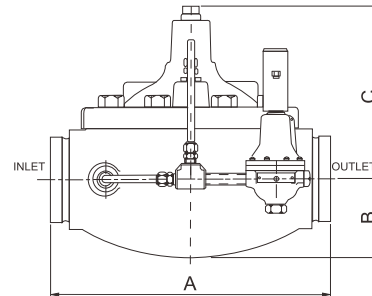


Grooved globe type pressure reducing valve

Pressure reducing valve is pilot-operated pressure control valve used in sprinkler and standpipe systems. It automatically reduces a higher inlet pressure to a steady lower outlet pressure, without changing flow rate and inlet pressure.



- Certificate: UL Listed / FM Approved
- Standard: UL 1739 / NFPA 13 / NFPA 14
- Connection: Grooved as AWWA C606, ISO 6182
- Adjustment: 50 ~ 175 / 30 ~ 165 psi, etc.
- Temperature: Max 82°C, water
- W. pressure: 300 / 365 psi
- Surface: FBE coating as AWWA C550



Main parts and material

Body	Ductile iron as ASTM A536, 65-45-12	Cover	Ductile iron as ASTM A536, 65-45-12
Main valve trim	SS seat, SS stem	Pilot control	Cast bronze with SS trim

Available size (Source 1 with UL)

Size		Pressure adjustment (psi)	A mm	Connection	Working pressure (psi)	Ref. No.
Inch	DN					
1-1/2"	40	50 ~ 175	216	Grooved	300	V6201 (UL)
2"	50	30 ~ 165	228	Grooved	300	V6202 (UL)
2-1/2"	65	50 ~ 175	279	Grooved	300	V6203 (UL)
3"	80	50 ~ 175	318	Grooved	300	V6204 (UL)
4"	100	50 ~ 175	381	Grooved	300	V6205 (UL)
6"	150	50 ~ 175	508	Grooved	300	V6207 (UL)
8"	200	50 ~ 175	645	Grooved	300	V6208 (UL)

Note: As factory preset, the reducing pressure is set at 60 psi.

Grooved globe type pressure reducing valve

Available size (Source 1 with FM)

Size		Pressure adjustment (psi)	A mm	Connection	Working pressure (psi)	Ref. No.
Inch	DN					
2"	50	30 ~ 250	238	Grooved	365	V6202 (FM)
2-1/2"	65	30 ~ 250	279	Grooved	365	V6203 (FM)
3"	80	30 ~ 250	318	Grooved	365	V6204 (FM)
4"	100	30 ~ 250	381	Grooved	365	V6205 (FM)
6"	150	30 ~ 250	508	Grooved	365	V6207 (FM)

Note: As factory preset, the reducing pressure is set at 60 psi.

Available size (Source 2 with UL)

Size		Pressure adjustment (psi)	A mm	Connection	Working pressure (psi)	Ref. No.
Inch	DN					
1-1/2"	40	65 ~ 165	220	Grooved	300	V6221 (UL)
2"	50	65 ~ 165	241	Grooved	300	V6222 (UL)
2-1/2"	65	65 ~ 165	290	Grooved	300	V6223 (UL)
3"	80	65 ~ 165	325	Grooved	300	V6224 (UL)
4"	100	65 ~ 165	381	Grooved	300	V6225 (UL)
5"	125	65 ~ 165	419	Grooved	300	V6226 (UL)
6"	150	65 ~ 165	508	Grooved	300	V6227 (UL)
8"	200	65 ~ 165	645	Grooved	300	V6228 (UL)
10"	250	65 ~ 165	762	Grooved	300	V6229 (UL)

Note: As factory preset, the reducing pressure is set at 65 psi.

Available size (Source 2 with FM)

Size		Pressure adjustment (psi)	A mm	Connection	Working pressure (psi)	Ref. No.
Inch	DN					
2"	50	65 ~ 165	233	Grooved	300	V6222 (FM)
2-1/2"	65	65 ~ 165	290	Grooved	300	V6223 (FM)
3"	80	65 ~ 165	310	Grooved	300	V6224 (FM)
4"	100	65 ~ 165	356	Grooved	300	V6225 (FM)
5"	125	65 ~ 165	370	Grooved	300	V6226 (FM)
6"	150	65 ~ 165	436	Grooved	300	V6227 (FM)
8"	200	65 ~ 165	530	Grooved	300	V6228 (FM)
10"	250	65 ~ 165	636	Grooved	300	V6229 (FM)

Note: As factory preset, the reducing pressure is set at 65 psi.

Grooved globe type pressure reducing valve

Available size (Source 3 with UL/FM)

Size		Pressure adjustment (psi)	A	Connection	Working pressure (psi)	Ref. No.
Inch	DN		mm			
2"	50	80 ~ 175	260	Grooved	300	V6242 (UL/FM)
3"	80	80 ~ 175	349	Grooved	300	V6244 (UL/FM)
4"	100	90 ~ 175	425	Grooved	300	V6245 (UL/FM)
6"	150	80 ~ 175	569	Grooved	300	V6247 (UL/FM)
8"	200	80 ~ 175	697	Grooved	300	V6248 (UL/FM)

Note: As factory preset, the reducing pressure is set at 125 psi.

Available size (Source 5 with UL/FM)

Size		Pressure adjustment (psi)	A	Connection	Working pressure (psi)	Ref. No.
Inch	DN		mm			
1-1/2"	40	60 ~ 175	230	Grooved	365	V6281 (UL/FM)
2"	50	60 ~ 175	230	Grooved	365	V6282 (UL/FM)
2-1/2"	65	60 ~ 175	235	Grooved	365	V6283 (UL/FM)
3"	80	60 ~ 175	310	Grooved	365	V6284 (UL/FM)
4"	100	60 ~ 175	350	Grooved	365	V6285 (UL/FM)
6"	150	60 ~ 175	480	Grooved	365	V6287 (UL/FM)
8"	200	60 ~ 175	600	Grooved	365	V6288 (UL/FM)

Note: As factory preset, the reducing pressure is set at 60 psi.