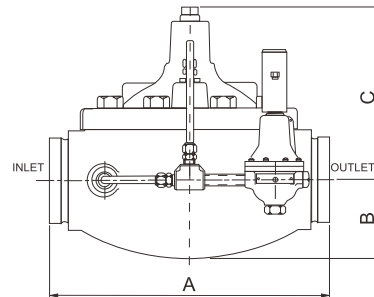


Grooved globe type pressure reducing valve

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
- Accessories: With or without pressure gauge connection assemblies
- 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:

1. As factory preset, the reducing pressure is set at 60 psi.
2. The two (2) pressure gauge connection assemblies are not included. See detail V99.

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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:

1. As factory preset, the reducing pressure is set at 60 psi.
2. The two (2) pressure gauge connection assemblies are not included. See detail V99.

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:

1. As factory preset, the reducing pressure is set at 65 psi.
2. The two (2) pressure gauge connection assemblies are not included. See detail V99.

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:

1. As factory preset, the reducing pressure is set at 65 psi.
2. The two (2) pressure gauge connection assemblies are not included. See detail V99.

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:

1. As factory preset, the reducing pressure is set at 125 psi.
2. The two (2) pressure gauge connection assemblies are included. See detail V99.

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:

1. As factory preset, the reducing pressure is set at 60 psi.
2. The two (2) pressure gauge connection assemblies are not included. See detail V99.