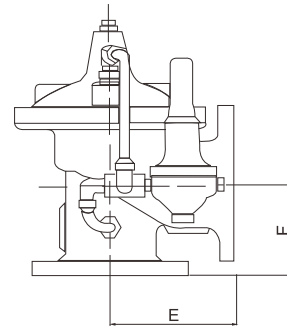


# Flanged angle type pressure reducing valve

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
- Standard: UL 1739 / NFPA 13 / NFPA 14
- Connection: Flanged as B16.42 Class 150 / 300
- Adjustment: 50 ~ 175 psi / 30 ~ 165 psi
- Temperature: Max 82°C, water
- W. pressure: 250 / 300 psi
- Surface: FBE coating as AWWA C550



## Main parts and material

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

## Available size

Size		Pressure adjustment (psi)	E	Connection	Working pressure (psi)	Ref. No.
Inch	DN		mm			
1-1/2"	40	50 ~ 175	108	Class 300	300	V6301
2"	50	30 ~ 165	121 / 127	Class 150 / 300	250 / 300	V6302
2-1/2"	65	50 ~ 175	140 / 149	Class 150 / 300	250 / 300	V6303
3"	80	50 ~ 175	152 / 162	Class 150 / 300	250 / 300	V6304
4"	100	50 ~ 175	191 / 200	Class 150 / 300	250 / 300	V6305
6"	150	50 ~ 175	254 / 267	Class 150 / 300	250 / 300	V6307
8"	200	50 ~ 175	337	Class 300	300	V6308
10"	250	50 ~ 175	378 / 395	Class 150 / 300	250 / 300	V6309
12"	300	50 ~ 175	432 / 451	Class 150 / 300	250 / 300	V6310