



V650P Pressure Reducing / Relief Valves

V650P series pressure reducing valves are unidirectional; spring-diaphragm design pressure reducing devices intended to reduce the inlet pressure to pre-set values in chemical process line applications.

V650P series also function as pressure relief valves are unidirectional; spring-diaphragm design pressure relief devices intended to discharge the over pressure in chemical process line applications.

The diaphragm and valve core are pressed against the valve seat by a spring force. When pressure exceeds the pre-set pressure value in the pipeline, the diaphragm is pushed and the valve is opened to discharge the medium until the pre-set the pressure value is reached. The set pressure for relief application should be set at a 10% higher value of operating pressure. For better performance, the installation should be located close to the pump outlet and should have no other valves between the pump and pressure reducing valves.

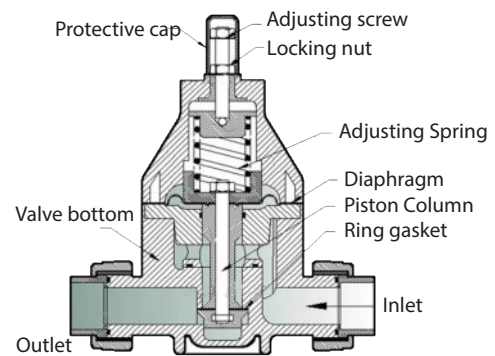


Superiorities of V650P Series Valves,

- 1, Compact structure and stable performance
- 2, Easy installation and maintenance
- 3, Sensitive reaction and good reproducibility
- 4, Wide range of availability DN15 to DN65
- 5, Small pressure difference by specially designed flow structure to avoid forming a closure
- 6, Easy adjustable pressure setting
- 7, Installed in the by-passes overflow valve use
- 8, Used as an anti-siphon valve to prevent gravity under static conditions.

Technical Specifications

Material	UPVC, PPH, CPVC, PVDF
Size	1/2" (D20) - 2-1/2" (D75)
Standard	ANSI, DIN, JIS
Sealing	EPDM / FPM
Set Pressure	0.03 - 1.0 Mpa
Operating Temperature	UPVC(0~55°C); CPVC & PPH(0~95°C); PVDF(-20~120°C)
Valve Body Color	U-PVC, CPVC, PPH, PVDF



Dimensions(mm)

Size	L	H	D	d	z	h
DN15	175	181	82	20	22	27
DN20	174	181	82	25	19	29
DN25	202	198	107	32	21	33
DN32	251	198	107	40	31	35
DN40	285	260	155	50	31	60
DN50	355	260	155	63	39	60
DN65	376	260	155	75	41	65

