

Frank Series Regulators



- Accurate and stable control over pressure, regardless of upstream pressure or downstream demand
- Mechanical parts are isolated from the process fluid
- Adjustable under working pressure

Specifications

Body Material: Purad™ PVDF , PolyPure™ PPn & PP-Pure™ Pigmented

Diaphragm: PTFE backed EPDM, or EPDM

Seals: EPDM or FKM (PTFE diaphragm uses FKM)

Maximum Pressure: 150 psi @ 68°F

Valve Size: 20-110mm (1/2" - 4"), may vary by model

V82 Pressure Regulator

The popular V82 pressure regulator is a great value with its integrated gauge guard. This pressure regulator reduces pressure and dampens pulsations from pumps and upstream branch line cycling. The piston spring force balances outlet pressure by opening and closing the valve as the inlet pressure changes.

Size Range: PVDF 20-75mm (1/2" – 2-1/2"), PP 20-110mm (1/2" – 4")



V82

V782 Pressure Regulator

The more precise V782 pressure regulator increases max flow rate and stability compared to V82 model. This regulator features a large control surface area for accurate pressure adjustments. The piston spring force balances outlet pressure by opening and closing the valve as the inlet pressure changes.

Size Range: 20-50mm (1/2" – 1-1/2")



V782

V185/85 Pressure Relief Valve

The V185 features branch pressure relief to relieve excess pressures to a secondary line. This protects downstream items from dangerous peaks while allowing mainline flow to continue. The piston spring keeps the outlet closed until the set point pressure is achieved.

Size Range: PVDF 20-75mm (1/2" – 2-1/2"), PP 20-110mm (1/2" – 4")



V185/85

V186/86 Back Pressure Regulator

The V186 Back Pressure Regulator maintains adequate downstream pressure as upstream pressure reduces from branch line cycling. The V186 may also be used as an inline pressure relief valve. The piston spring keeps the outlet closed until the set point pressure is achieved.

Size Range: PVDF 20-75mm (1/2" – 2-1/2"), PP 20-110mm (1/2" – 4")



V186/86

