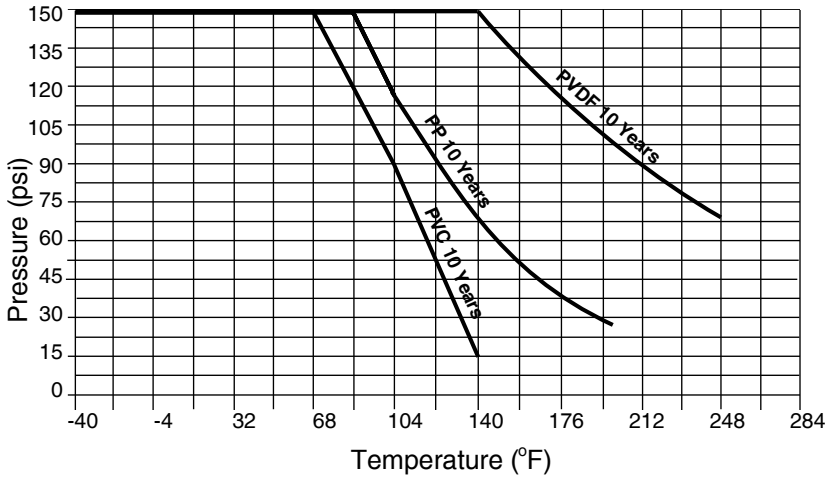
ASAHI/AMERICA

Frank Series
Regulating Products

- 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

WORKING PRESSURE



Specifications

Diaphragm: EPDM or PTFE/EPDM

Seals: EPDM or FKM
(PTFE diaphragm uses FKM)

Connections: IR, Socket, NPT and Flange

Body Material	Temperature Range
PVC	32°F to 140°F
PP-Pure Polypropylene	- 4°F to 176°F
Purad PVDF	- 4°F to 248°F

Valve Size	Pressure Range
1/2" to 2"	7 to 150 psi
2-1/2" to 3"	14 to 90 psi
4"	14 to 60 psi

V82/182 Pressure Regulator
Reduces pressure downstream. Outlet pressure overcomes spring force, the valve closes to keep pressure downstream at the set value. V82 Diaphragm isolates mechanical parts on PVC and PP 1/2" through 1-1/2" and PVDF 1/2" through 2-1/2". V182 piston/O-ring design provided on PVC and PP 2" through 4" valves. Integral gauge guard with pressure gauge makes adjustment simple.

V782 Pressure Regulator
Reduces pressure downstream. Outlet pressure overcomes spring force, the valve closes to keep pressure downstream at the set value. Available up to 1-1/2", V782 diaphragm regulator increases max flow rate and stability compared to V82/182 model. Designed for linear flow adjustment, with locking nut to keep at set value.

V185/85 Pressure Relief Valve
Balances out pressure pulsations and keeps system pressure constant. Media pressure pushes on diaphragm and overcomes spring force, opening the T-valve, protecting downstream items from pressure peaks.

V186/86 Back Pressure Regulator
Balances out pressure fluctuations and reduces pressure peaks. If the inlet pressure increases above the set value, the diaphragm lifts up on a diaphragm, consequently enabling flow and stabilizing pressure upstream.

The Wet Process People™

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