CLA-VAL

Cla-Val 90-21 Pressure Reducing Valve

Premium pilot-operated pressure reducing valve designed to automatically lower higher upstream pressure to a constant downstream pressure regardless of changing flow rates or varying inlet pressures. Features an epoxy-coated ductile iron body, stainless steel trim, and a high-precision CRD pilot control system.



UL Listed | FM Approved | NSF/ANSI 61 & 372 Drinking Water Certified

KEY SPECIFICATIONS

Valve type	Pilot-Operated Pressure Reducing Valve (CRD Pilot)
Size range	1-1/2" to 36" (DN40 to DN900)
Pressure rating	Class 150 / Class 300 (Up to 400 PSI max inlet)
Pressure adjustment range	15 to 75 PSI / 30 to 300 PSI (standard)
Temperature rating	32°F to 180°F (0°C to 82°C)
Body material	Ductile Iron (ASTM A536) with fusion-bonded epoxy coating
Trim material	Stainless Steel (seat ring and stem)
Diaphragm material	Nylon-reinforced elastomer
Connections	ANSI Flanged Class 150 / 300, Threaded NPT, Grooved Ends
Fluid compatibility	Water / Potable Water
Certifications	UL Listed, FM Approved, NSF/ANSI 61 & 372
Key features	In-line serviceable without removing body from line, drip-tight positive shut-off, smooth chatter-free regulation, optional anti-cavitation trim (KO)

FEATURES

- Automatically reduces higher inlet pressure to a constant downstream pressure
- Pilot-operated design with high-precision CRD control
- Smooth, chatter-free regulation
- Drip-tight positive shut-off
- In-line serviceable without removing valve from line
- Epoxy-coated ductile iron body for corrosion resistance
- Stainless steel trim for long service life
- Optional anti-cavitation trim (KO) for high differential pressure applications
- UL Listed, FM Approved, NSF/ANSI 61 & 372 Certified

APPLICATIONS

- Fire protection systems
- Pressure reducing for fire sprinkler networks
- Municipal and potable water systems
- Commercial and industrial buildings
- HVAC systems
- Irrigation and agricultural applications
- Process water systems
- Any application requiring reliable downstream pressure control

PRODUCT OPTIONS & CONFIGURATIONS

Model	Size Range	Connection Type	Pressure Rating	Adjustment Range	Body & Trim Material	Certifications
90-21	1-1/2" – 36" (DN40 – DN900)	ANSI Flanged Class 150 / 300 Threaded NPT Grooved Ends	Class 150 / 300 Up to 400 PSI	15 – 75 PSI 30 – 300 PSI (standard)	Ductile Iron (Epoxy Coated) Stainless Steel Trim	UL Listed FM Approved NSF/ANSI 61 & 372

Maximum Builders
21-B M.L. Quezon, Brgy. Bambang
Taguig City, Philippines
Email: maximumbuilders.ph@gmail.com

0917 506 0226 (Viber)
0917 132 9200 (Viber)
0917 165 5780 (Viber)