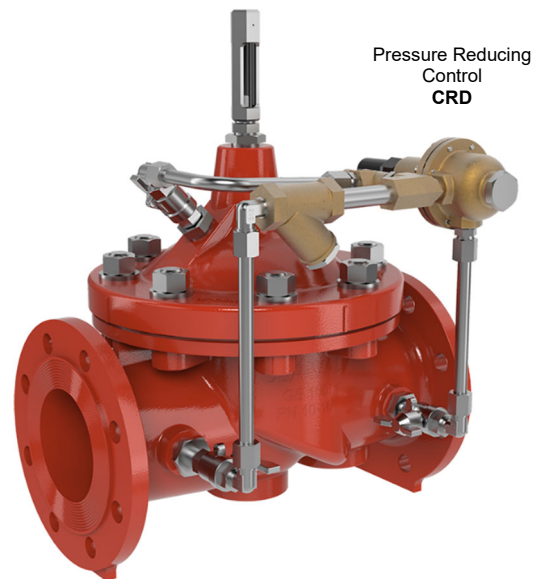
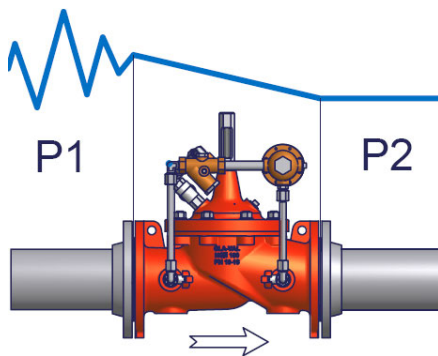


► Simple, Reliable and Accurate

- Completely Automatic Operation
- Easy Adjustment and Maintenance
- Quality Approved Materials
- World Wide Support



► CLA-VAL SERIES 90 Main Function



The CLA-VAL SERIES 90 reduces a higher inlet pressure to a constant downstream pressure (Pressure Reducing Control) regardless of changing flow rate and/or varying inlet pressure.

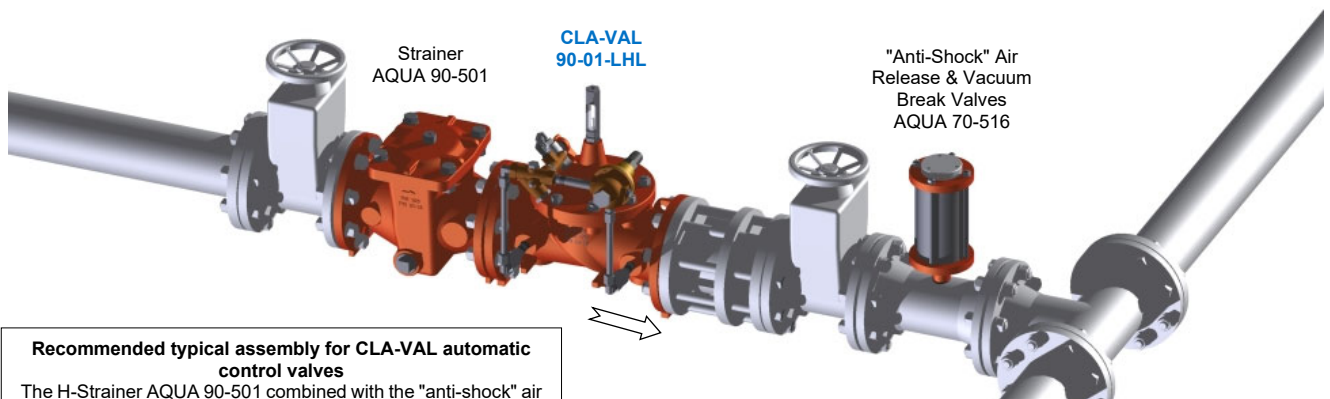
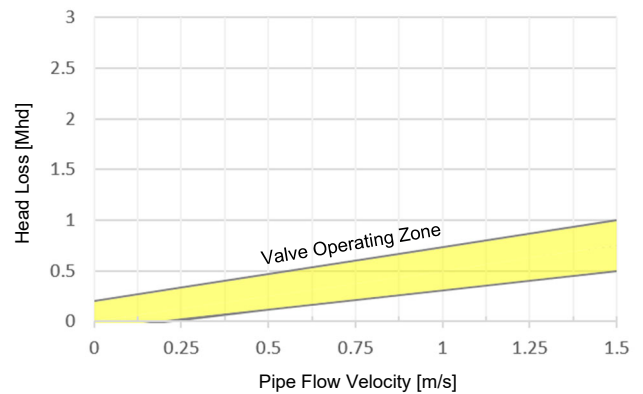
► CLA-VAL 90-01-LHL Typical Application

The CLA-VAL model 90-01-LHL is specifically developed for systems where energy losses must be kept to a minimum, typically during periods of maximum demand. The core components are shared with the CLA-VAL standard Pressure Reducing Valve.

- Pressure head loss lower than 1 [mHd] (0.1 bar)*
- Standard components for consistency of maintenance
- Extremely accurate control of set-point
- Exceptional reliability
- Adjustable over a wide range of pressures

* Pipe flow velocity up to 1.5 m/s for typical DMA valve sizes.

For Typical DMA Valve Sizes



Recommended typical assembly for CLA-VAL automatic control valves

The H-Strainer AQUA 90-501 combined with the "anti-shock" air release & vacuum break valve AQUA 70-516 are added system products for the best CLA-VAL regulation.