



Model CV FLOW CONTROL



- Corrosion Resistant
- Easy Adjustments
- Automatic Operation
- No Lubrication
- Operates In Any Position
- Easy Maintenance

The CV Control is an adjustable restriction which acts as a needle valve when flow is in the direction of the stem. When flow is in the reverse direction, the port area opens fully to allow unrestricted flow. When installed in the control system of a Cla-Val automatic valve, it can be arranged to function as either an opening or closing speed control.

Specifications

Size

3/8", 1/2", 3/4", & 1"

End Detail

One connection male &
One connection female

Pressure Rating

400 psi Max.

Temperature Range

250°F Max.

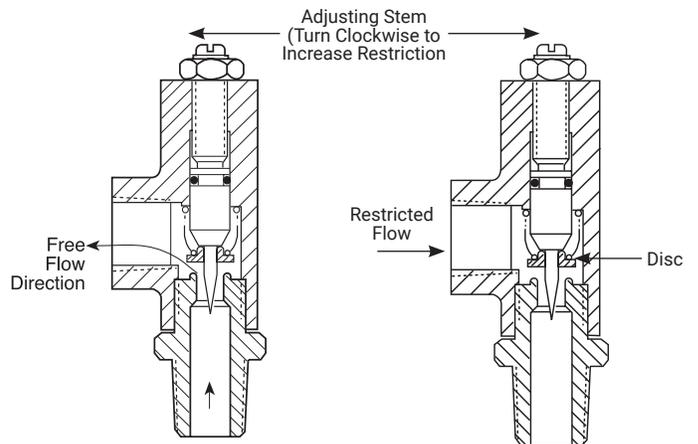
Materials

Housing:
Bronze ASTM B61: 3/8" only
Stainless Steel 316: 3/8", 1/2",
3/4", & 1"

Trim: Stainless Steel

Other Materials available:
All Stainless Steel
Bronze & Monel

Principle of Operation



Free Flow, is against the direction of the needle. The disc is forced off its seat by line pressure allowing full capacity flow through the control

Restricted Flow, is in the direction of the needle. This disc is forced against its seat by line pressure. Flow is metered through the control by the fine taper of the needle and the small openings in the disc.

Dimensions (In Inches)

