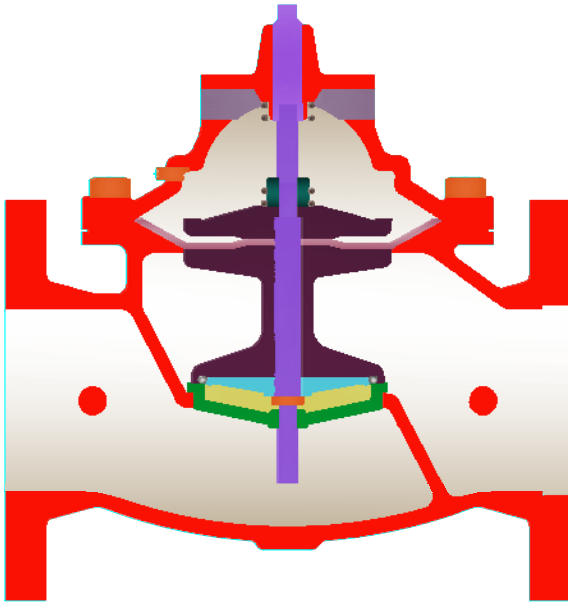


AUTOMATIC CONTROL VALVE



STANDARD MATERIALS

<i>Body & Cover</i>	: Cast Iron/WCB/S.S.
<i>Valve Size</i>	: 1" to 16"
<i>Coating</i>	: NSF Listed Fusion Bonded Epoxy Lined and Coated
<i>Trim</i>	: 316 Stainless Steel (1 - 1/4" - 8") ASTM B62 Bronze (10" - 24") (Stainless Steel Optional)
<i>Elastomers</i>	: Buna - N (Standard) EPDM (Optional) Viton (Optional)
<i>Stem, Nut & Spring</i>	: Stainless Steel

DESCRIPTION

The Nutech ACV Models F200 and F2200 are single chamber basic valves that incorporated a e-piece disc and diaphragm assembly. This assembly is the only moving part within the valve allowing it to open, close, or modulated as commanded by the pilot control system.

Model F200 : Globe Pattern Single Chamber Basic Valve

Model F2200 : Angle Pattern Single Chamber Basic Valve

Operating Pressure
Threaded = 400 psi / 150
Flanged = 250 psi / 300
Flanged = 400 psi

Operating Temperature
Buna - N : 160°F Maximum
EPDM : 300°F Maximum
Viton : 250°F Maximum

TYPICAL APPLICATION

- ◆ *Pressure Reducing Valves*
- ◆ *Pressure Reducing/Low Flow By-Pass Valves*
- ◆ *Check Valves*
- ◆ *Pressure Relief and Sustaining Valves*
- ◆ *Downstream Expansion Relief Valves*
- ◆ *Fire Hydrant Relief Valves*
- ◆ *Pump Control Valves*
- ◆ *Flood Protection Shutdown Valves*
- ◆ *ACV Fire Protection Valves*
- ◆ *Irrigation ACV Valves*
- ◆ *Altitude Valves*
- ◆ *Solenoid Control Valves*
- ◆ *Float Control Valves*
- ◆ *Industrial Control Valves*
- ◆ *Rate of Flow Valves*

VALVE FUNCTION

- *VALVE OPENS UPON START OF FLOW(N.C.SOLENOID OPENED BY SET-STOP COUNTER SWITCH)*
- *VALVE REGULATES FLOW TO COSTANT RATE OF FLOWW ADJUSTABLE*
- *VALVE PARTIALLY CLOSES AND MAINTAINS LOW FLOW POSTION VALVE UNTIL SET-STOP COUNTER TRIPS N.O. SOLENOID AND CLOSES VALVE*

Perfect Solution For Any Type Of Liquide Applicaton
From

Nutech Valves

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