



# Valve & Equipment Corporation

## Specializing in Valves & Valve Automation Since 1983!



### Model 770-U Flow Control Valve

Securing design specifications

- Prioritizing main system over sub-system
- Limiting consumers over-demand
- Controlling pipeline fill-rate
- Pump overload & cavitation protection

The Model 770-U Flow Control Valve is a hydraulically operated, diaphragm-actuated, control valve that maintains pre-set maximum flow, regardless of fluctuating demand or varying system pressure.

Features and Benefits

- Line-pressure driven – independent operation
- Hydraulic flow sensor (upstream installation)
  - No moving parts
  - No electronic components
  - No need for flow straightening
- In-line serviceable – easy maintenance
- Double chamber design
  - Moderated valve reaction
  - Protected diaphragm
- Flexible design – easy addition of features
- Variety of accessories – perfect mission matching
- "Y" or angle, wide body – minimized pressure loss
- Semi-straight flow – non-turbulent flow
- St. Steel raised seat – cavitation damage resistant
- Obstacle-free full-bore – uncompromising reliability
- V-Port Throttling Plug – low-flow stability

