



# Valve & Equipment Corporation

## Specializing in Valves & Valve Automation Since 1983!



### Model 790M Burst Control Valve

- Zonal shut-off at burst
- "Older" burst-susceptible networks
- Outlets from reservoir at earthquake risk
- Vulnerable network infrastructure facilities
- Networks liable to mechanical damage



The Model 790-M Burst Control Valve is a hydraulically operated, diaphragm-actuated, control valve that upon sensing flow in excess of setting shuts-off and locks drip-tight, until it is manually reset. As long as flow is lower than the setting, the valve remains fully open, minimizing head-loss.

#### Features and Benefits

- Line-pressure driven – independent operation
- Mechanical flow stem
- Field adjustable
- No moving parts
- No electronic components
- Highly-sensitive hydraulic pilot
- Requires minimal valve- $\Delta P$
- Tight setting window
- In-line serviceable – easy maintenance
- Double chamber
- Moderated valve reaction
- Protected diaphragm
- No spring - full opening
- Flexible design – easy addition of features
- "Y" or angle, wide body – minimized pressure loss
- Obstacle-free full-bore – uncompromising reliability