



## DQ VALVE

The DQ Valve combines a matched set of characterized orifices with an internal differential pressure regulating valve. By controlling the pressure drop across the orifices, flow rate will always remain constant. Since the control portion is immersed in the fluid or gas that it is controlling, response time to pressure variations is immediate and hunting or oscillation is eliminated.

Easily adjust your flow setpoint through electronic 24 VDC binary input. 256 Discreet settings are possible using the 8 bit input. Once set, the DQ Valve will control your flow accurately, regardless of changes in your process. Just set it and forget!

## FLOW CHARACTERISTICS

### SPECIFICATIONS

- Material: Black Delrin 150 E Body  
316 Stainless Steel and  
Stellite Internals
- O-Rings: Viton
- Input: 24 VDC Binary
- Weight: 7.5 lbs.
- Range: 25 to 500 Slpm or  
25 to 900 Slpm
- Repeatability; 1%
- Max Operating Pressure: 250 psi
- Max Operating Temperature: 200° F

### ABOUT W.A. KATES COMPANY

For more than 50 years, the W. A. Kates Company has been producing high quality, low maintenance, purely mechanical flow rate controls. These products have been applied successfully throughout industry for a wide variety of liquid and gas applications. Our motto "To serve our Customers as we desire our suppliers to serve us," exemplifies our commitment to quality and service.

