

Maxon ACTIONAIR® Valves



4" Series 1220



1-1/2" Series 2010



1-1/4" Series 3320

- **Air actuated valves shut off gas or oil lines** in less than one second
- **FM (Factory Mutual) approved** for General Purpose and Hazardous Duty locations
- **CGA (Canadian Gas Association) certified** for General Purpose and Hazardous Duty locations
– Series 1000 and Series 2000 valves only
- **Powerful spring-loaded air operators permit much higher differential pressure ratings** than are possible with listed electro-mechanical operators
- **Gain application flexibility** with 1/2" through 6" diameter line sizes, C_v factors up to 1230, and line pressures up to 700 PSIG
- **Internal trim options provided** for special service lines
- **Handle flowing fluid temperatures** from -40°F (-40°C) to +550°F (+288°C) with ambient temperatures from -40°F (-40°C) to +140°F (+60°C)
- **Bodies designed to ASME/ANSI standards** (ISO standards also available)



Maxon Valves with Air Actuators

For quick opening or closing action

Design Features and Operating Concepts



1-1/2" Series 1210

Normally-closed shut-off valves use 65 - 100 PSIG instrument air to open in approximately four seconds, release of control air through 3-way solenoid valve gives closure in less than one second.

Normally-open vent valves use 70 - 100 PSIG instrument air to close in approximately four seconds after introduction of control air and will open in less than one second upon release of control air.

ACTIONAIR® valve enclosures meet NEMA 1, 2, 3, 3R, 4 & 12; and CSA 2, 4 & 5.

All ACTIONAIR® Valves meet:
Class I, Div. 2, Groups A, B, C, & D
Class II, Div. 2, Groups E, F, & G
Class III, Div. 2, ID #T3B

Hazardous Duty ACTIONAIR® Valves meet:
Class I, Div. 1, Groups C & D
Class II, Div. 1, Groups E, F, & G
Class III, Div. 2, ID #T3B

ACTIONAIR® valve electrical components and accessories comply with UL (Underwriters Laboratories) and CSA (Canadian Standards Association) standards.

Rotatable top assembly for field piping convenience and lubrication-free body design means minimal field maintenance.

Cast iron or cast steel bodies feature metal-to-metal seating that wears in, not out. Straight-through flow path minimizes pressure drop through full open swinging gate or rising-stem guillotine action bodies.

Large two-color open/shut indicator provides positive visual indication of valve's body position.

Series Designations and Available Sizes

- Series 1000** – 3/4" to 6" rising stem bodies with normally-closed actuators are CGA (Canadian Gas Association) certified and have FM (Factory Mutual) approval for use with air, natural gas, LP gases, #1 and #2 fuel oils.
- Series 2000** – 3/4" to 4" rising stem bodies with normally-open actuators are CGA (Canadian Gas Association) certified and have FM (Factory Mutual) approval listings for use with air, natural gas, LP gases, #1 and #2 fuel oils.
- Series 3000** – 1/2" to 1-1/4" swinging gate bodies with normally-closed actuators have FM (Factory Mutual) approval for use with #1, #2, #4, and preheated #5 and #6 fuel oils.

All ACTIONAIR® valves have special service trim options available.

