Air Controls

Air regulation and management options for air operated actuators.

Quiet, Clean, & Consistent Air Supply

Controlling incoming air quality and pressure can protect an actuator and help assure the longevity of the unit and it's accessories. Few facilities have reliably clean air supplied at an accurately regulated pressure so the use of an air filter regulator can help achieve the recommended operating conditions, particularly when critical accessory items such as a solenoid or a positioner are also within the valve assembly. Other accessories can also be added in order to alter the air flow in order to achieve optimal/target operating times. Mufflers can also be included to reduce ambient noise and guard against intrusion of foreign materials into the actuator.

Standard Features:

- 3D Models Available
- Direct NAMUR Mounting
- Compact Stackable Design
- High Flow Rates

Air Filter Regulators

Max-Air's filter regulators are general purpose air service regulators which are designed to protect air operated equipment from internal contamination while at the same time regulating the air pressure such that specified supply line pressure levels are not exceeded. In most applications, a properly selected pneumatic filter regulator is required and specified according to best engineering practices, and in other installations the lowest cost option is preferred.

Mufflers & Speed Controls

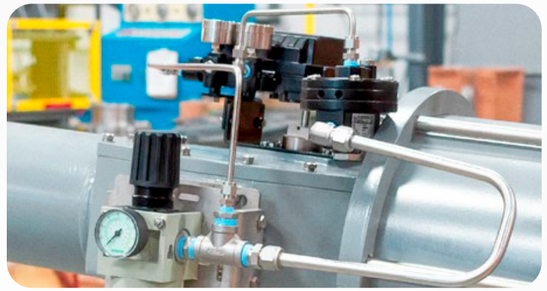
Mufflers dramatically reduce noise, and speed controls can cost-effectively slow down stroke times.

Block/Bleeds & Lockup Valves

Block off air supply and bleed remaining pressure for maintenance or manual override. Or lock up an air actuated assembly in place upon loss of air pressure.

Volume Boosters

Larger actuators in proportional control applications may suffer from slow stroke times due to positioners' low flow rate. Volume boosters bypass positioners with a larger air supply to achieve faster stroke times while maintaining accuracy.



High Capacity Flow Devices

High Capacity Flow Devices have been designed to provide a solution to increasing the volumetric media flow (mainly air or water) into our actuators by providing a mechanism to supplement delivery through bypassing the inflow and outflow of media supply to the actuator in question.