

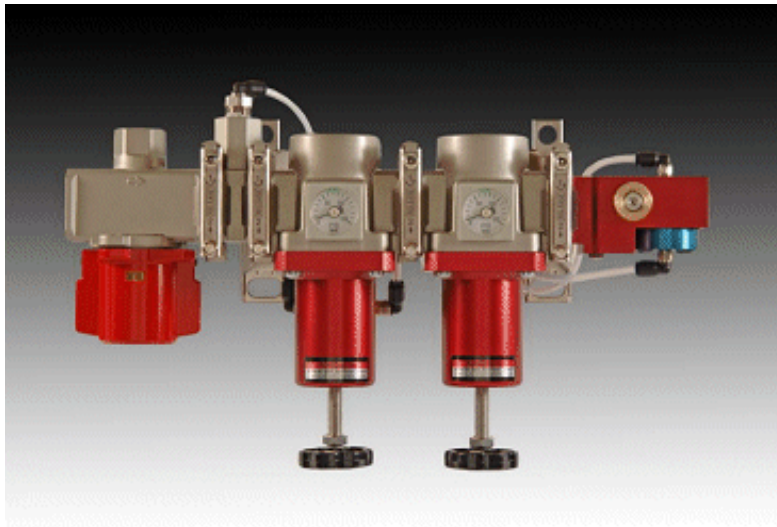
# AUTOQUIP AUTOMATION

## Dual Mode Pneumatic Regulator System

Solves Many Air Control Problems

### Standard Features:

- Systematically controls both air pressure and flow rate.
- Controls static delivery pressure and flow rate dynamically.
- Independent adjustment of static pressure and dynamic flow.
- Reduces pneumatic problems caused by pressure drop hoses.



### Applications:

- Paint agitator motors.
- Paint pump cycle limit control
- Paint spray gun atomization rate control
- Air sander speed control.
- Air tool speed and torque control.
- Air cylinder rate and pressure control.

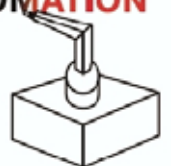


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# AUTOQUIP AUTOMATION

## Dual Mode Pneumatic Regulator System

### System Description

The Autoquip Dual Mode Regulator is a patented process control device that controls both air pressure and flow to mechanisms like pneumatically driven motors and cylinders. The Autoquip Dual Mode Regulator is designed to eliminate problems associated with transferring energy utilizing pressurized air and pressure controlled regulators.

The Autoquip Dual Mode Regulator incorporates a combination of a pressure regulator, flow regulator, and pneumatic flow switch to accomplish the control. During a stopped or stalled condition the Autoquip Dual Mode Regulator output pressure is automatically set to an adjustable level. When a change in energy is required an air flow change is sensed switching the control of the Autoquip Dual Mode Regulator from pressure to flow modulation. During modulation mode the output pressure of the Autoquip Dual Mode Regulator is adjusted to maintain a specific flow rate and torque to the work.

### Dual Mode Regulator System

Description	Part Number
3/8" Port	3076-30-00
1/2" Port	3076-40-00

### Controlling Orifice – One Required Per Unit

Flow Rate	Part Number
1- 5 SCFM	3076-45-01
2- 8 SCFM	3076-45-10
3-15 SCFM	3076-45-20