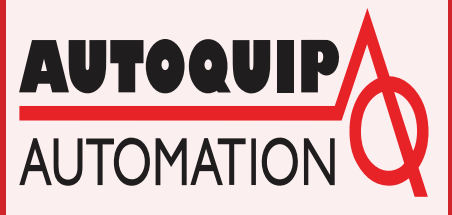


ECO-Flow Controller

#3076-AFC3-000*

#3076-AFC4-000*



*Need a Solution to Air Flow Control Problems?
Autoquip has the Solution!*

System Description

The AQ ECO-Flow Controller is a patented device that controls both air pressure and flow to mechanisms like pneumatically driven motors and cylinders. The device is designed to eliminate problems associated with transferring energy, utilizing pressurized air, and pressure controlled regulators.

The AQ ECO-Flow Controller incorporates a dual mode combination of a pressure regulator, flow regulator, and pneumatic flow switch to accomplish the control. During a stopped or stalled condition the ECO-Flow Controller 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 unit from pressure to flow modulation. During modulation mode the output pressure of the AQ ECO-Flow Controller is adjusted to maintain a specific flow rate and torque.



Maintains agitator speed 6 times better than standard regulated air

Applications:

- Paint agitator motor speed control
- 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

