

Dust collection systems with standard blast gates often have poor air flow and low suction as the result of operators not closing (or opening) the gates. K&B Duct's AutoAire gates provide total control of air, **when and where you need it.** An AutoAire system can 'stretch' the available CFM of a smaller system and 'optimize' the efficiency of even the largest.

A Wide Variety of Application

K&B Duct's **industrial grade gates** can be utilized in a variety of ways:

- 1 **Gates only/no controller** – Open and close an infinite number of individual gates by simply turning on and off a machine, switch, or sensor.
- 2 **Controller for Collector Motor** – Open and close multiple gates by turning on and off a machine, switch, or sensor, AND use a system controller to simultaneously cut on and off the collector fan.
- 3 **VFD (Variable Frequency Drive) Control** – An in line pressure regulator coupled with a controller and VFD functions to continuously regulate and control fan speed (and load) where multiple gates with multiple combinations continuously change the air requirements resulting in lower power consumption.

K&B Duct AutoAire Offers Total Dust Collection Control

Air operated **Industrial Grade** cut-offs with guaranteed automatic cut-offs and a wide variety of controls to meet the individual need.



Optimize available CFM or size your collector around the practical need.

3" and Up

Individual gates or complete gate systems

Send us your layout/requirements and let us design a system that will optimize your dust collector's performance.

Who Can Benefit?

- Small operations operating only a few machines at a time and who don't need the collector to run continuously.
- Multi-men operations wanting to ensure air is available where and when the machines are operating.
- Large air/energy consumers with continuously changing requirements.
- Any facility wanting to optimize available air.

Unique Features:

- Gates operate independently of a controller.
- Positive actuation of the pneumatically controlled gate ensures that the gate is fully closed or fully open, independently of other gates and without adjusting a controller. The cylinder of each gate is adjustable to control speed of opening and/or closing.
- Simple installation without "miles" of wire. Controlled systems hook-up in a series so that one wire will control an entire shop or an entire section. On an individual gate, the only wire is from the machine to the gate.
- Quick and easy to use connectors for wire and air tubing (1/4" tube)
- All sizes, all voltages (line and low voltage)
- Many choices for activating the gate: power sensors, vibration sensors, direct wiring, etc.

