



Filtration System Fire Protection

Protect Your Filters and Compactors from Costly Fires



Fires that start in production machinery quickly spread to the air filtration system. If the air filtration system is disabled by fire damage, a mill cannot continue to operate its production machinery.

ARGUS FIRE CONTROL systems detect and control these fires in only 50 milliseconds.

The ARGUS system uses Infrared Spark Detectors to detect a single spark, activate an automatic fire extinguisher, sound alarms, and shut down the filtration and production machinery.

Causes of Sparks and Fires

- “Hot Bales” from the Gin
- Stones in Cotton Bales
- Stray Metal & Wire in Bales
- Loose Metal from Machines
- Electrical Short Circuit
- Friction and Choke Up



Argus Systems Protect:

- Pre-Separators
- Waste Compactors
- Rotary Filters
- Fine Dust Filters
- Panel Filters
- Vacuum Waste Systems
- Bag Filters
- Balers

from All Manufacturers



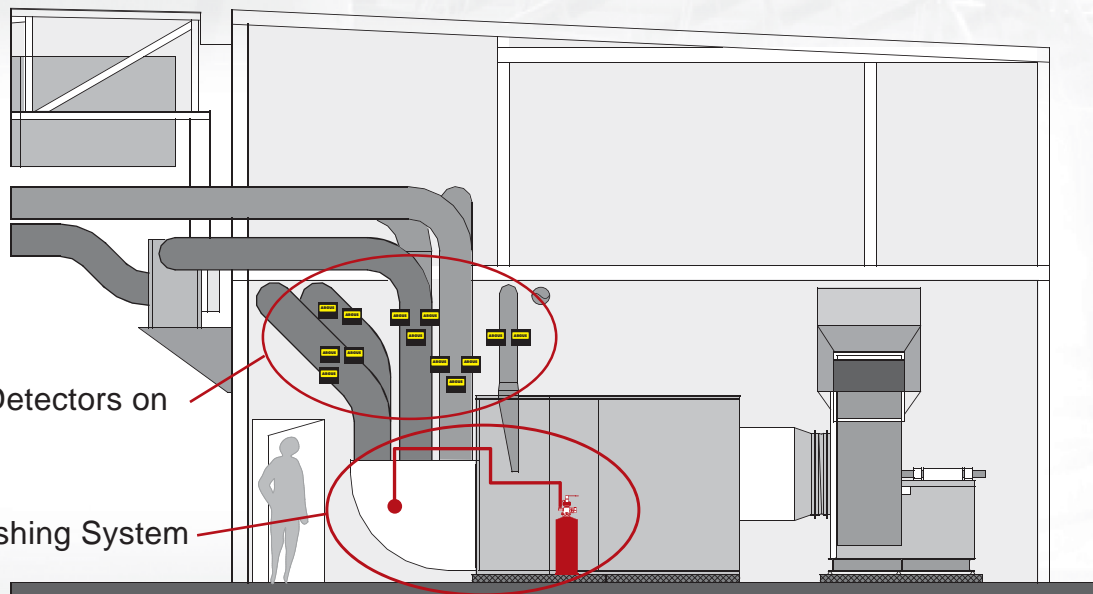
The Argus Infrared Spark Detector



- Detects a single spark in 5 milliseconds.
- Detects sparks at speeds up to 60 meters per second.
- Patented design and circuitry eliminates reaction to static electricity.
- Operates in temperatures from -40°C to +85°C.
- Low voltage 24 volt operation.
- Available in indoor and outdoor models.

AV-10 Dry Chemical Extinguishing System

- The ARGUS Dry Chemical System is automatically activated within 50 milliseconds of spark detection.
- Each high speed discharge uses 15 kilos of Dry Chemical Powder and is designed to be refilled onsite in minutes.
- Dry Chemical Powder is available worldwide and best for extinguishing sparks and fires in high volume air filtration systems.
- Low voltage 24 volt operation is safe and easy to maintain.



Argus Infrared Spark Detectors on Inlet Ducts

Dry Chemical Extinguishing System