

Anti-Overfill Systems

Warning and Protection Systems
For Silos and Dust Collectors



② PRESSURE SENSOR



③ FILTER LEAK DETECTOR



① ANTI-OVERFILL SYSTEM

3 Component System to Protect Silos and Dust Collectors
against Overfilling, Over Pressuring, and Filter Leaks

Silo Saver
Systems

Central
Collectors

Silo
Collectors

Concrete
Reclaimer

Slump
Master II

Overfill, Pressure and Leak Detector systems

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General Information

C & W's Anti-Overfill System, combined with our Pressure Sensor and Filter Leak Detector/Particulate Emissions Monitor, give the highest level of protection available to your silos and dust collectors. Using advanced automated technologies can not only eliminate the human errors that occasionally occur, but can save time and money. The key component to having a protection system is the use of pinch valves that are activated to close when a problem is detected. This shuts off the flow of materials to avoid damage and accidents from occurring, while not interfering with the flow of normal operations.

Protection Systems*	Features
Anti-Overfill	Control Panel, Audible/Visible Alarm, Timer, Pinch Valve
Over Pressure	Pressure Switch, Control Panel, Audible/Visible Alarm, Timer, Pinch Valve
Filter Leak Detector	Filter Leak Detector, Emissions Monitor, Control Panel

*All units available without pinch valves, creating only a warning system

Components

Combine these three Components to fit your needs.
Multiple applications - available for 4", 5" and 6" fill lines.



4" Valve in Closed Position



4" Valve in open Position



Anti-Overfill

- Existing bin indicator monitors material level and signals when silo is full.
- Overfill light and horn are activated and pinch valve shuts line down after a preset time, avoiding serious damage or injury.



Pressure Sensor

- Pressure above 1.5 psi can damage your silo and dust collector.
- Pressure Sensor detects high pressure and shuts the material flow down.
- Pressure Switch can also send a signal to turn collector on/off



Filter leak Detector

- Broken or leaking filters can create maintenance disasters and citations to be issued.
- Particulate emissions monitor with alarm; detects leaks before visible emissions are detected.

Installation

