

GROUND PILE MANAGEMENT SYSTEM

The Extron AgTECT Ground Pile Management System is a cloud based solution that provides data trending, alarm notifications and system control of your ground pile. Remotely monitor the conditions in and around your ground pile to optimize your pile support costs and reduce energy cost. Our Ground Pile Management System uses variable frequency drive technology to manage fan speed, allowing users to reduce shrink loss. With innovative VFD technology, the Wireless Fan Control System can provide up to 40% - 70% in energy cost savings.

WIRELESS FAN CONTROL



FEATURES

- Provides wireless real-time grain temperatures, differential pressures, fan speeds and motor currents, wind speeds, power loss and much more.
- System includes wind mode & cool down mode when temperature cables are incorporated. Logs and graphs temperature readings for historical trending and for early detection of spoilage.
- Monitor CO₂, differential pressure and exhaust temperature readings in real-time.
- Live updates and alerts to your smart phone to notify you of a change in condition in and around your ground pile.

Check out the cost savings calculator at extrongrain.com/ground-pile-management-2/ for more information on how to save even more on your Grain Management Solution.

EXTRON AgTECT Ground Pile Management System is a cloud based solution that provides data trending, alarm notifications and system controls for your ground pile.

HARDWARE INCLUDED WITH YOUR EXTRON AGTECT SYSTEM

GATEWAY

- No special software or operating system is needed to access data
- Easy setup and configuration
- Flexibility to set scan times, add nodes and establish set points
- Runs on 120, 240 or 480 volt power
- 24/7 access anytime, anywhere
- Alarm Notifications
- Visibility across multiple locations
- Ability to control aeration fans

WIRELESS TEMP PROBES

- 25ft or 30ft Temperature Cables
- Real-time reporting of temperatures
- Wireless and battery powered
- 4 internal temperature reading – one ambient temperature reading
- Optional insertion tool

WIRELESS FAN CONTROL

- Variable Frequency Drive Technology
- Provides 40-70% savings on energy cost
- Redundant wind speed verification
- Reporting of motor speed, exhaust temperature and vacuum pressure of your pile
- Cool down mode: cools the pile with favorable air
- Wind mode: maximize energy savings
- Warm up mode: provides condensation control
- Fan controllers use a wireless mesh network for robust and reliable communication
- Alarm notifications of fan loss/ power loss

OPTIONAL EQUIPMENT AD-ON

WIRELESS CO2 SENSOR

- Exhaust temperature readings
- Differential pressure readings
- Humidity readings

WIRELESS GENERATOR MONITOR

- Wirelessly monitors your generator
- Indication if you are on line or on generator power
- Provides alerts to a change in power