WHAT IS ThERM™?

Did you know 65% of agriculture Barn Fires are caused by electrical, mechanical, or heater malfunctions? These fires can be mitigated.

ThERM™ functions as a smoke detector and response system.

Prism Controls® utilized its **40-plus years of Environmental Controls experience** and best practices utilized by those who have had “close calls” with Fire to build a fire detection system.

Detection

ThERM™ Detect is built with a reliable and proven air-aspirating smoke detector that is used in Coal Mines and other dusty applications and has been deployed in Agriculture Barns since 2022.

It identifies smoke by sampling air from 50 points within the barn.

FLAME

SMOKE

ThERM™ not only can respond quickly to smoke but also has a built-in **Animal Safety logic to restore Air Flow in the event of a false alarm.**

ThERM™ Detect’s strategic design continuously draws air samples from critical areas throughout your barn, **providing 24/7 year-round smoke detection.**

RESPONSE

What makes ThERM™ truly effective and ultimately reliable is its proprietary blend of the speed and accuracy of an **automated control system response.**

Additionally, the reliability and assurance of a **human required confirmation to prevent any false alarms.**

How does ThERM™ work?

This safety controller integrates with your existing electrical system. When triggered by ThERM™ Detect, it takes several critical actions:

- **ALERTS THE FIRE DEPARTMENT & FARM STAFF** - allowing them critical time to respond and extinguish any small fire.
- **CUTS OFF POWER** to fans, motors, and lighting, reducing the fire's fuel source.
- **CLOSES BAFFLES** to limit oxygen reaching the fire.
- **SHUTS OFF GAS** to heaters, eliminating another potential fuel source.

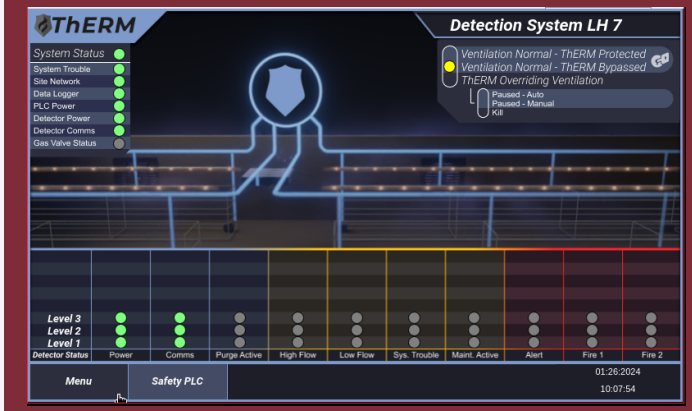
Benefits

By detecting smoke early and taking immediate action, ThERM™ Detect & Respond can significantly impact your barn's safety:

- **Minimizes fire damage:** ThERM™'s quick response cuts off the fire's fuel source and oxygen supply, significantly reducing damage.
- **Safeguards your animals**: Early smoke and flame detection helps mitigate the spread, protecting your livestock.
- **Peace of mind guaranteed:** Rest assured, knowing your farm is equipped with advanced fire detection, providing peace of mind.

Prism Controls® also offers a service contract that monitors the health of the system and provides on-site inspection and annual testing to maintain a healthy responsive system.

Contact us today to learn more!



Prism Controls

Our Contact

1-844-4-Prism-4
(1-844-477-4764)

www.prismcontrols.com

support@prismcontrols.com

890 O.E. Bieri Industrial Drive
Lowell, MI 49331

ThERM™

FUTURE OF INSURABILITY

Prism Controls
-Serving agriculture as PMSI for over 40 years-