



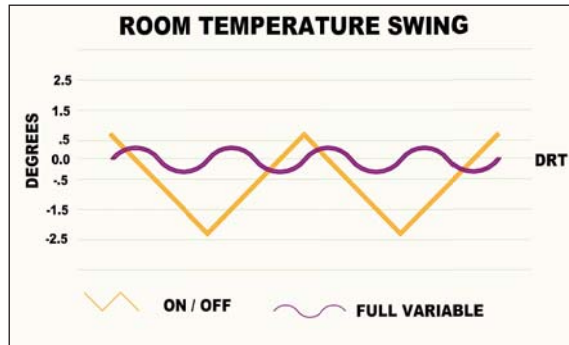
NEW Smart Sense™ Heating

For more than 40 years, L.B. White has been setting the standard in swine confinement heating and today L.B. White is proud to be the exclusive provider of variable rate heat for both forced air and radiant heaters with Smart Sense™ technology.

Automatic Variable Rate Heat

The L.B. White Smart Sense Variable Rate heaters provide consistent temperature throughout the room, while eliminating the age old problem of ventilation and heating systems fighting each other.

- Automated Variable Rate heaters run from 15% of maximum output up to 100%, maintaining a room temperature +/- 0.25° F of desired room temperature.
- Eliminates floor to ceiling temperature stratification.
- The bottom line is fuel savings and better pig performance in Wean-Finish, Farrowing and Nursery operations.



Maintain room temperatures at +/- 0.25°F with Variable Rate Heat
Traditional on/off heating results in wide swings in room temperature.

Guardian with Smart Sense™



Guardian with Smart Sense™ heaters provide an automated variable control, compared to manual hi-lo only setting in today's standard Guardian heaters. The heater will run longer at lower firing rates becoming part of the circulation system, resulting in a much more consistent room temperature.

- Configurations available:
 - 60,000 Btu/h
 - 100,000 Btu/h
 - 250,000 Btu/h
- Two Ignition Types:
 - Spark
 - Hot Surface
- Kits are available to convert existing heaters to variable rate control
- As the market leader, only L.B. White Guardian™ heaters are capable of operating at firing rates as low as 15% of max Btu while maintaining acceptable carbon monoxide levels

Guardian with Smart Sense™

Infraconic with Smart Sense™

SmartBox™





Infraconic with Smart Sense™



Temperature at pig level can be set and managed independently of the room temperature providing control of the radiant zone that cannot be achieved with '2-stage' or 'hi-lo' panels

- Requires less day-to-day management than the typical manually set zone panels
- The temperature probe is in a controlled location on one of the brooders, eliminating the variation in sensor location between zones or rooms
- Both manual and spark ignition Infraconic brooders can run with the automated variable rate system
- For either existing or new installations a proportional solenoid valve and sensor mounting kit are required
- The Automated Variable Rate Infraconic system can be achieved with an existing 0-10 vdc control or with the new LBW SmartBox™ controller

SmartBox™ Controller

- Works in conjunction with any conventional on/off room control
- Three configurations available
 - Guardian Forced Air
 - Infraconic Radiant
 - Combination Forced air and Radiant
- Two control 'zones' or 'channels'
- Programmable temperature curve
 - Up to five temperature set points
 - Up to 45 days per set point
- Utilizes 'smart' control logic that is exclusive and proprietary to L.B. White
- Installs like a typical room control
 - Provide 120vac power to the unit
 - Locate and wire the temperature sensors
 - Wire the control signal to the gas control



- Fully self-contained
 - All signal conditioning and power supplies included
 - Relays for power to the heaters
 - Touch-pad programming
 - Micro-processor
 - NEMA 4X enclosure

Quality heaters you can count on.

Your L.B. White Dealer:

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F#5140.0511