

NEW

# Sentinel<sup>®</sup> v.2 Radiant Tube Heater Specifications



# Sentinel<sup>®</sup> v.2 Radiant Tube Heater

100  
125  
150

Model Numbers:	-Sentinel v.2 100-30	-Sentinel v.2 100-40	-Sentinel v.2 125-30	-Sentinel v.2 125-40	-Sentinel v.2 125-50	-Sentinel v.2 150-40	-Sentinel v.2 150-50
Rating:							
- Max Input (Btuh) Single Stage	100,000	100,000	125,000	125,000	125,000	150,000	150,000
Tube Length (ft.)	30	40	30	40	50	40	50
Minimum Installation Height (ft.)	6	6	6	6	6	6	6
Spark Ignition	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Fuel Consumption (max.):							
- Liquid Propane Gas (lbs./hr.)	4.6	4.6	4.6	5.8	5.8	7.1	7.1
- Natural Gas (cu. ft./hr.)	100	100	125	125	125	150	150
Ventilation (CFM)	140	140	140	140	140	140	140
Inlet Gas Supply Pressure							
- LP Gas min. / max. (in. W.C.)	11.0 - 13.5	11.0 - 13.5	11.0 - 13.5	11.0 - 13.5	11.0 - 13.5	11.0 - 13.5	11.0 - 13.5
- Natural Gas min. / max. (in. W.C.)	7.0 - 13.5	7.0 - 13.5	7.0 - 13.5	7.0 - 13.5	7.0 - 13.5	7.0 - 13.5	7.0 - 13.5
Electrical Supply (Volts / Hz / Phase):	115 / 60 / 1	115 / 60 / 1	115 / 60 / 1	115/60/1	115/60/1	115/60/1	115/60/1
Temperature Controls Available							
- Individual Thermostat Control	Yes	Yes	Yes	Yes	Yes	Yes	Yes
- Wired to House Env. Control	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Min Clearance to Combustibles (ft.)							
- Top	1	1	1	1	1	1	1
- Side	6	6	6	6	6	6	6
- Below	6	6	6	6	6	6	6
Reflector Material	Polished Aluminum	Polished Aluminum	Polished Aluminum	Polished Aluminum	Polished Aluminum	Polished Aluminum	Polished Aluminum
Tube Material	Calorized Steel	Calorized Steel	Calorized Steel	Calorized Steel	Calorized Steel	Calorized Steel	Calorized Steel
Heater Case Dimensions (in.):							
- Length	25.5						
- Width	16						
- Height	9.75						
Net Weight (lbs.)	120	150	120	150	180	180	180
Shipping Weight (lbs.)	140	170	140	170	200	200	200
1/2" x 6' Gas Hose	S	S	S	S	S	S	S
Regulator	O	O	O	O	O	O	O
Gas Cock and Piping Hardware	O	O	O	O	O	O	O
Hanging Hardware	S	S	S	S	S	S	S
Air Inlet	O	O	O	O	O	O	O
CSA Certified	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Product Warranty	Yes: 10 years for tubes/3 years for burner box						

Heaters ship standard to run at 0-2000 feet. To operate at higher altitudes, please note in order process to allow for appropriate deviation.



**NEW**  
**IMPROVED WARRANTY**  
Now offering: **10** year warranty for tubes & **3** year warranty for burner boxes on all V.2 Radiant Tube Heaters



**NEW PRODUCT  
BETTER DESIGN**



## ONLINE RESOURCES

Visit [www.lbwhite.com](http://www.lbwhite.com) for frequently asked questions, owners manuals, maintenance videos, and dealer login access for open orders and recent invoices.

S = Standard  
O = Optional

**CA RESIDENTS:**  
**WARNING**  
Cancer and reproductive harm. See [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).



**Innovative Climate Solutions**

411 Mason Street, Onalaska, WI 54650  
800 345 7200 (toll free) or 608 783 5691  
608 783 6115 (fax)  
info@lbwhite.com | www.lbwhite.com

Your L.B. White Dealer:

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800-345-7200 / 608-783-5691  
[www.lbwhite.com](http://www.lbwhite.com)

## All the Great Features of the Original Model!

### Maximum Heating Efficiency and Better Heat Pattern



L.B. White's Sentinel v.2 maximizes the radiant heat energy to where it is most needed: to the birds, with minimal waste to convection.

- Advanced reflector design delivers better heat distribution across the floor to the sidewall
- Pressurized burner technology delivers more even heat over the length of the heater.

## Safe, Reliable Performance

The Sentinel shares the same quality design standards that have earned L.B. White its reputation as the leader in poultry forced air heating and radiant heating. The Sentinel provides the rugged durability to stand up to years of safe, reliable use in harsh confinement environments. And all Sentinels meet or exceed ANSI and CSA standards for safety.

## Sentinel Infrared Heat Imaging

The Sentinel v.2 tube heater delivers significantly more radiant heat to the ground than competitive tube heaters that are not specifically designed for poultry environments.



## Quick & Easy Service Access to Burner Box

### Easy Maintenance

The L.B. White Sentinel radiant tube heaters provide the utmost ease in operation and maintenance over the life of the heater. The burner box door is positioned on the bottom for drop-down access to vital components. Installation is a breeze with interlocking tubes parts of the complete installation kit.



- Allows for work on heater from under the unit where there is the most room
- Access to components with latches, tools not needed
- Components are accessible and easy to replace

## Now Easier to Use and Maintain!



Gas valve with higher durability



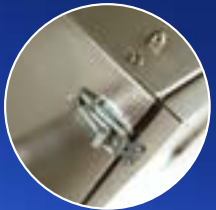
Easier access service panel for gas control valve



Easier-to-remove components



Brighter, easier-to-see indicator lights



More secure latching system



New valve mounting bracket



Air inlet relocated to follow heater tubes



Removable motor mount panel



Rotated fan housing for easier reach



New air outlet duct

## Radiant Tube Heat Pattern Comparison

Model	Sentinel v.2 Heater	Competitive Heater
Input Rating	100,000 Btu/h	100,000 Btu/h

