

# I-Series® Radiant Brooder Specifications

Model Numbers	I-17	I-40
Maximum Input (Btu/h)	17,100	40,000
Typical Bird Coverage		
- Broilers	1500	2750
- Turkeys	500	1075
Heater Configurations Available		
- Spark Ignition	Yes	Yes
- Modulating	Yes	Yes
Installation Height: (ft.)		
- Broilers	5 - 6	6.5 - 7.5
- Turkeys	3 - 4	5-6
Center Spacing (ft.)	25 - 30	45 - 55
Inlet Gas Supply Pressure:		
- Propane (PSIG)	5	5
- Natural Gas (PSIG)	5	5
Fuel Consumption (max.):		
- Liquid Propane Gas (lbs/hr)	0.80	1.85
- Natural Gas (cu. ft/hr)	17.1	40.0
Ventilation (CFM)	200	468
Temperature Controls Available:		
- Individual Thermostat Control	Manual Only	Manual Only
- Zone (panel sold separately)	Yes	Yes
- Wired to House Environmental Control*	Yes	Yes
Electrical Requirements:		
- Spark Ignition	115 VAC / 60HZ	115 VAC / 60HZ
- Modulating	None	None
Minimum Clearance to Combustibles (ft.)		
- Top	3	3
- Side	3	3
- Below	3.5	4.5
Dimensions (in.):		
- Height	8.8	10.5
- Canopy Diameter	16.9	31.5
Net Weight (lbs.)	5.8	13.0
Canopy:	Anodized Aluminum	Polished Aluminum
Stainless Steel Radiant Cone:	S	S
1/4" x 6' Gas Hose (up to 25 ft.)	O	O
Regulator (Zone Control Panel):	O	O
Inlet Air Filter:**	O	O
Gas Cock and Piping Hardware:	O	O

\* When used with a house environmental control, the Infraconic can be operated as an on/off or multiple-stage heating system. 115 VAC/60HZ is required.  
\*\* Spark Ignition models sold with filter as standard.  
\*\*\* Spark Ignition models not CSA Certified.



**Innovative Heating Solutions**

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**Your L.B. White Dealer:**

CA RESIDENTS:

 **WARNING**

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

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I-SERIES®

Radiant Heat Brooder

I-17  
I-40

The best value in high quality,  
dependable poultry heating.



**DELIVERS  
30% MORE**

radiant heat to the ground than any other brooder



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

**Larger, More Consistent Comfort Zone**  
By creating a broader comfort zone with even heat distribution and no dead spots, the I-Series brooders help you improve your productivity and reduce time to market through:

- Keeping birds on feed and water lines
- Improved bird starts
- Better rates of gain
- Fewer culls
- Lower feed and medical costs

Based on independent testing, the I-40 delivers twice as much ground heat coverage than the leading competitive 40,000 Btu/h radiant brooder. What’s more, the I-40 uses 20% less fuel than competitive brooders to deliver the desired heat.

**Lower Fuel Costs**  
Beyond providing a healthier growing environment for your chicks at a critical time in their development, I-Series Brooders can save you significant money on your energy costs – from 20% to 40% depending on your facility and current heating solution. In multiple studies, the I-40 used 20% less fuel than competitive radiant products, while the I-17 model delivered savings of 20% to 40% over other radiant and/or forced air solutions.

**Ground Temperature Comparison**  
The I-40 deliver significantly more radiant heat to the ground than the leading 40,000 Btu/h radiants or 30,000 Btu/h pancake brooders.

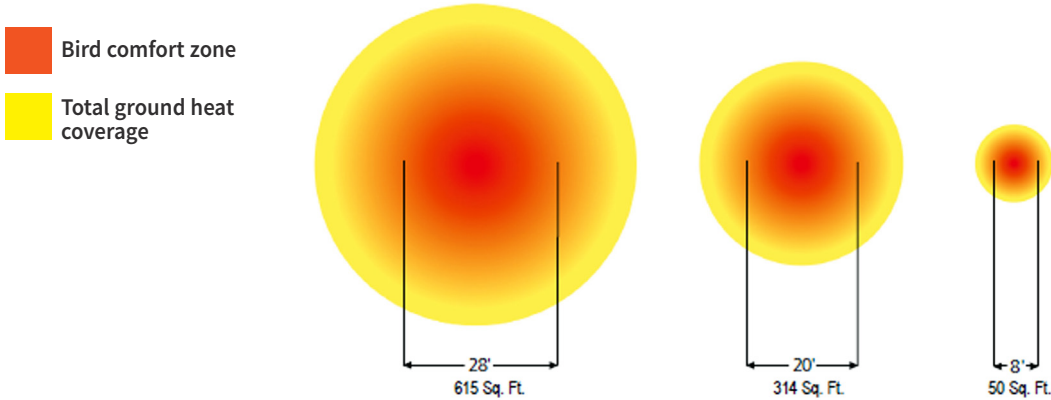


The I-Series Brooders' patented heat efficiency and larger comfort zone help you deliver healthier chicks in less time for less money.



Scan the QR code to see how fast the L.B. White brooder heats up and provides heat to the floor compared to other brooders.

Model	I-40 Brooder	Competitive Radiant Brooder	Pancake Brooder
Rating	40,000 Btu/h	40,000 Btu/h	30,000 Btu/h



**Range of Heat Outputs & Configurations**  
Only L.B. White offers a variety of heat outputs and configuration options that make it easy for you to order exactly what you need.

**Ignition Options**  
L.B. White offers spark ignition and manual ignition modulating configuration options.

- Spark Ignition**
- Highly reliable, automatic ignition
  - Interfaces easily with existing building control systems
  - Two stage heat output, on demand heat capability
  - Re-ignites automatically whenever needed
- Manual Ignition**
- Adjustable heat modulation output from 100%-10%
  - No electricity required, runs off gas pressure
  - Control with zone or individual units

**Controls**  
With I-Series Brooders, you choose the level of control you want.

- Zone Control**
- Provides temperature control of multiple I-Series Brooders
  - Integrates seamlessly with environmental building controls
  - Available in all I-Series models Individual Control
  - Offers individual temperature management
  - Available in all modulating models

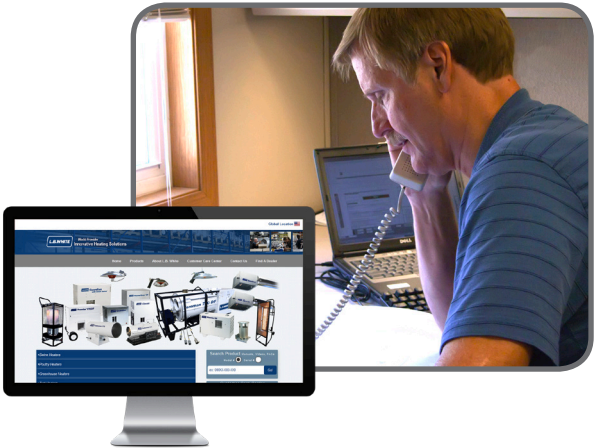
**Easy to Install, Easy to Move and Easy to Maintain**  
All I-Series Brooders arrive fully assembled and factory test fired for quick, easy installation. Once installed, they are extremely easy to clean and maintain because their advanced design uses fewer parts than other heaters. There’s no disassembly needed.

- Fully assembled at the factory
- Installs higher and out of the way
- No transformer required

**Safe, Reliable Performance**  
I-Series brooders share the same quality design standards that have earned L.B. White its reputation as the leader in poultry forced air heating. I-Series Brooders provide the rugged durability to stand up to years of safe, reliable use in harsh confinement environments based on its high-temp stainless steel emitter elements, corrosion-resistant highly-reflective aluminum canopy and enameled venturi tube. And all I-Series Brooders meet or exceed AGA, ANSI and CGA standards for safety.

**Knowledgeable, Friendly Technical & Customer Support**  
With over 65 years of agricultural heating experience only L.B. White offers you the product quality, technical expertise and knowledgeable customer support you can count on to help you design the best heating solution for your needs.

For more information about how the L.B. White Infraconic can improve production and reduce costs, please contact your local L.B. White representative or contact us directly at **800-345-7200** or online at **www.lbwhite.com**



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