



Infraconic® Radiant Brooders

Infraconic I-17

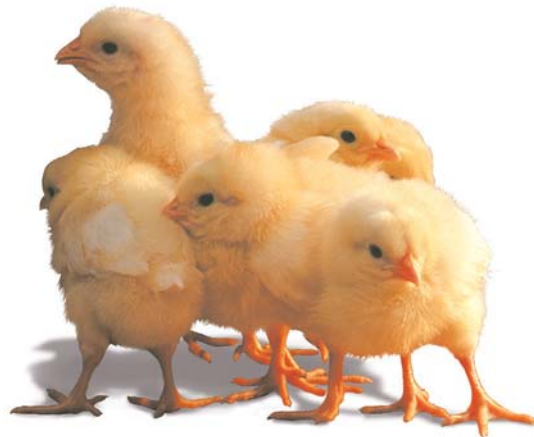
Infraconic I-34

Infraconic I-40



***The ideal
heating solution
for healthier chicks
...and up to
40% fuel savings***

Improve production and profitability in any poultry environment with the Infraconic's patented heat efficiency, range of heat outputs and proven reliability.



Infraconic® Brooders More Efficient Heat for Less Fuel

The Infraconic's patented design delivers more radiant energy to the ground than any other competitive heating solution. This means you get a broader, more consistent heat pattern with less fuel. Your chicks stay warm, so they eat more and grow faster. And you save money because you're providing better heat for less fuel.

Larger, More Consistent Comfort Zone

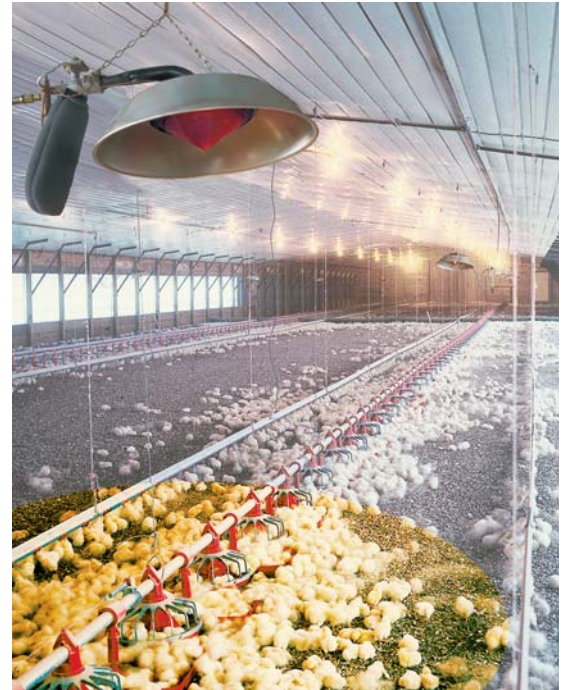
By creating a broader comfort zone with even heat distribution and no dead spots, the Infraconic helps you improve your productivity and reduce time to market through:

- 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 40,000 Btu/h Infraconic I-40 delivers twice as much ground heat coverage than the leading competitive 40,000 Btu/h radiant brooder. What's more, the Infraconic 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, the Infraconic can save you significant money on your energy costs – from 20% to 40% depending on your facility and current heating solution.



The Infraconic's patented heat efficiency and larger comfort zone help you deliver healthier chicks in less time for less money.

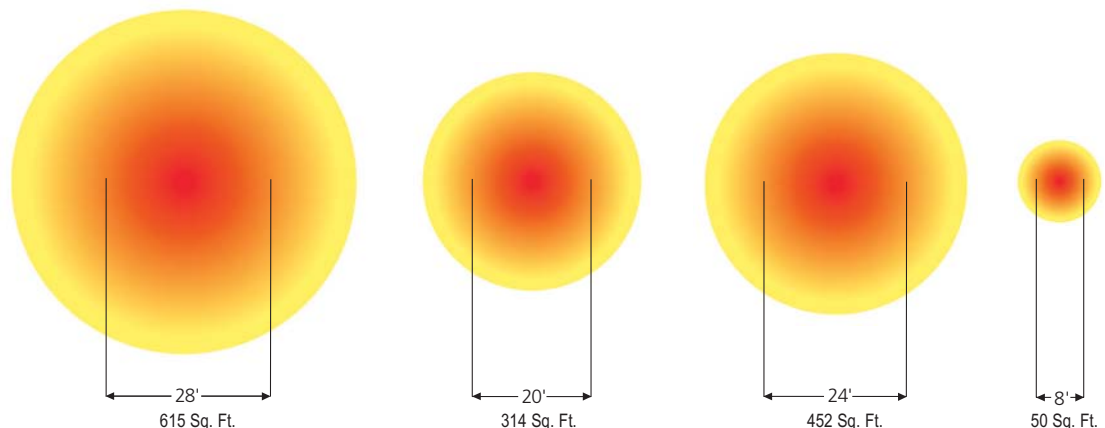
In multiple studies, the 40,000 and 34,000 Btu/h Infraconics used 20% less fuel than competitive radiant products, while the Infraconic I-10 and I-17 models delivered savings of 20% to 40% over other radiant and/or forced air solutions.

Ground Temperature Comparison

Both the Infraconic I-40 and I-34 deliver significantly more radiant heat to the ground than the leading 40,000 Btu/h radiants or 30,000 Btu/h pancake brooders.

- Bird comfort zone
- Total ground heat coverage

Model	Infraconic I-40	Competitive Radiant Brooder	Infraconic I-34	Pancake Brooder
Input Rating	40,000 Btu/h	40,000 Btu/h	34,200 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.

■ **Btuh Options**

With heat ratings from 40,000 to 10,000 Btu/h, the Infraconic gives you maximum design flexibility and heat efficiency for poultry facilities. (L.B. White also offers 5,000 and 3,000 Btu/h models for custom application needs.)

- 40,000 Btu/h I-40
- 34,200 Btu/h I-34
- 17,100 Btu/h I-17

■ **Configuration Options**

L.B. White now offers spark ignition for all Infraconics, as well as pilot ignition and modulating configurations.

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
- Available in all Infraconic ratings

Pilot Ignition

- Efficient, two stage heat output available
- Only pilot ignition brooder equipped with the InstaClear pilot clean-out
- Common configuration in many poultry facilities
- Available in all Infraconic ratings

Modulating

- Adjustable heat modulation output from 100%-10%
- No electricity required, runs off gas pressure
- Available in all Infraconic ratings

■ **Control Types**

With the Infraconic, you choose the level of control you want.

Zone Control

- Provides temperature control of multiple Infraconics
- Integrates seamlessly with environmental building controls
- Available in all Infraconic models

Individual Control

- Offers individual temperature management
- Available in all modulating models

■ **Fuel Types**

All Infraconics are available in Natural Gas (NG) or Liquid Propane (LP) Gas models.

InstaClear™ Pilot Clean-Out



Only L.B. White offers the patent-pending InstaClear on all pilot ignition Infraconic brooders. By enabling you to clean pilot orifices with a simple push of a button, the InstaClear minimizes maintenance and keeps your heaters running smoothly flock after flock.

- Saves money by keeping pilot brooders operating smoothly
- Only instant clean-out product available for pilot radiant brooders
- Quick and easy, no tools required
- Available on all new pilot brooders, or as an easy retrofit

Easy to Install, Easy to Maintain

All Infraconics arrive fully assembled and factory test fired for quick, easy installation. Once installed, the Infraconic is extremely easy to clean and maintain because its advanced design uses fewer parts than other heaters. There's no disassembly needed.

Safe, Reliable Performance

The Infraconic shares the same quality design standards that have earned L.B. White its reputation as the leader in poultry forced air heating. The Infraconic provides 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 Infraconics meet or exceed AGA, ANSI and CGA standards for safety.

Knowledgeable, Friendly Technical & Customer Support

With over 50 years of agricultural heating experience and a full line of radiant and forced air heating solutions, 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**.



Quality heaters you can count on.

Infraconic® Radiant Brooder Specifications

Model Numbers:	I-17	I-34	I-40
Btu/H Rating:	17,100	34,200	40,000
Typical Bird Coverage:			
Broilers	1500	2500	2750
Turkeys	500	975	1075
Heater Configurations Available:			
Spark Ignition***	Yes	Yes	Yes
Pilot Ignition	Yes	Yes	Yes
Modulating	Yes	Yes	Yes
Installation Height (ft.):			
Broilers	5 – 6	6 – 7	6.5 – 7.5
Turkeys	3 – 4	4 – 5	5 – 6
Center Spacing (ft.):	25 – 30	35 – 45	45 – 55
Inlet Gas Supply Pressure:			
Propane (PSIG)	5	5	5
Natural Gas (PSIG)	5	5	5
Fuel Consumption (max.):			
Liquid Propane Gas (lbs./hr.)	0.80	1.58	1.85
Natural Gas (cu. ft./hr.)	17.1	34.2	40.0
Ventilation (CFM):	200	400	468
Temperature Controls Available:			
Individual Thermostat Control	Modulating Only	Modulating Only	Modulating Only
Zone (panel sold separately)	Yes	Yes	Yes
Wired to House Environmental Control *	Yes	Yes	Yes
Electrical Requirements:			
Spark Ignition***	115 VAC / 60HZ	115 VAC / 60HZ	115 VAC / 60HZ
Pilot Ignition	115 VAC / 60HZ	115 VAC / 60HZ	115 VAC / 60HZ
Modulating	None	None	None
Minimum Clearance to Combustibles (ft.):			
Top	3	3	3
Side	3	3	3
Below	3.5	4.5	4.5
Dimensions (in.):			
Height	8.8	10.3	10.5
Canopy Diameter	16.9	26.3	31.5
Net Weight (lbs.):	5.8	12.5	13.0
Canopy:	Anodized Aluminum	Polished Aluminum	Polished Aluminum
Stainless Steel Radiant Cone:	S	S	S
InstaClear Pilot Clean-out	O	O	O
1/4" x 6 ft. Gas Hose (available up to 25ft.)	O	O	O
Regulator (Zone Control Panel):	O	O	O
Inlet Air Filter: **	O	O	O
Gas Cock and Piping Hardware:	O	O	O
CSA U.S./Canada Certification:***	S	S	NA

S = Standard O = Optional NA = Not Available

* 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.

L.B. White Infraconic Radiant Brooders are certified by:



Quality heaters you can count on.

Your L.B. White Dealer:

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