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POULTRY CLIMATE SOLUTIONS

For all phases of poultry production



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Your L.B. White Dealer:

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Products within brochure are subject to the following warning for CA residents:



Oval 80[®] v.2 & Oval 80[®] HP Radiant Tube Heaters

The L.B. White Oval 80[®] v.2 & Oval 80[®] HP Radiant Heater puts more heat where you need it, on the floor. With its unique design using a 3-inch round tube, transitioning to a 4-inch oval tube, you get a wide and long heat pattern. And the ceiling stays cool, so there's no need to add an insulated board above the heater to protect the tri-ply. The reflector is uniquely designed for 80K BTU/h, so you get better, more consistent heat coverage throughout the building.

- ✓ **Easy to install**
- ✓ **More heat to the floor / cooler ceiling temperature**
- ✓ **Easy to use and maintain**



Oval-U[®] 100 Radiant Tube Heaters

The L.B. White Oval-U 100 Radiant Heater gives you wider heat coverage, and a farther heat throw on the floor. It utilizes the popular Oval technology found in our Oval 80 HP and v.2 heaters, and customers can expect the same high standard, performance and reliability. With its unique design using a 4-inch round calorized tube, transitioning to a 4-inch tube bent into a "U" shape, and then a 4-inch oval calorized tube, you get a wider heat pattern. And the ceiling stays cool, so there's no need to add an insulated board above the heater to protect the tri-ply. The reflector is uniquely designed for 100K BTU/h, so you get better, more consistent heat coverage throughout the building.

- ✓ **Easy to install right out of the box**
- ✓ **Warmer & wider coverage and farther heat throw**
- ✓ **Smallest clearance of all tube heaters**
- ✓ **Easy to use and maintain**

Sentinel[®] Radiant Tube Heaters

The L.B. White Sentinel[®] v.2 is the only radiant tube heater designed specifically for poultry houses. The Sentinel's advanced reflector and pressurized burner design delivers maximum heat distribution out to the sidewalls as well as even heat down the length of the tube which gives more consistent heat coverage throughout the building. With interlocking tubes and self-leveling hangers included as part of a complete installation kit, the Sentinel[®] is extremely easy to install and even easier to maintain. The Sentinel's ability to use fresh air from a side wall or attic helps it run cleaner and require less maintenance.

- ✓ **Maximum heating efficiency and better heat pattern**
- ✓ **Safe and reliable performance**
- ✓ **Quick and easy service access to burner box**
- ✓ **Easy to use and maintain**



Fan and Window Covers

The L.B. White 1" Fan and Window covers offer superior R-Value and are available in a wide range of sizes to fit most openings.

- ✓ **Available in custom sizes**
- ✓ **R-Value of 8+.**
- ✓ **Heavy duty aluminum hinges with stainless steel rods.**



Bi-Fold Doors

L.B. White offers the highest quality B-Fold Doors available, for poultry houses, dair barns, and multiple other applications. Our counter weight system equals one of the easiest operating bi-fold doors on the market.

- ✓ **Fully insulated 1 5/8" laminated panels**
- ✓ **.045-.050 fiberglass interior/exterior skin with 1 1/2" 2# density EPS insulation**
- ✓ **.090/.125" extruded aluminum frame channel has 6005 alloy with T6 Temper for additional strength**
- ✓ **Top and center .090 aluminum continuous hinge with 3/16" stainless steel pin.**
- ✓ **Standard door ships with open safety bar, EPDM double bulb seal, all necessary hardware, and installation instructions.**

Reeves[™] Evaporative Cooling Systems

The Reeves Evaporative Cooling System has been a standard in the poultry industry since its inception. Available in a multitude of custom layouts and lengths to fit any poultry house. Our multiple pump and reservoir options make us the perfect choice for any new construction or retrofit needs you may have.

- ✓ **Built to fit any size**
- ✓ **Multiple layouts to fit your specific needs**
- ✓ **Multiple sump and pump options**
- ✓ **Aluminum or Stainless Steel construction**
- ✓ **Customize system to cover any cooling needs**



Tunnel Doors

The highest quality Tunnel Doors available. These doors, constructed with a durable, heavy duty fiberglass shell and lightweight injected foam core, are corrosion resistant to withstand harsh litter treatments and have an R value of 11+.

- ✓ **The highest quality Tunnel Doors available.**
- ✓ **These doors, constructed with a durable, heavy duty fiberglass shell and lightweight injected foam core, are corrosion resistant to withstand harsh litter treatments.**
- ✓ **11+ and 8+ R value doors (1 5/8" and 1")**



Walk in Doors

Our Walk In Doors are built to withstand the harshest conditions inside a poultry house. Built with fiberglass skins, aluminum extrusions, and heavy-duty hardware, these doors are an affordable solution that will keep the elements outside where they belong.

- ✓ **R-Value 8.95.**
- ✓ **Sizes range from 20" x 60" to 48" x 72".**
- ✓ **Doors can be ordered with standard or heavy duty frames. Frames are also available with a handicap accessible threshold.**

Inlets and Vents

The L.B. White inlet doors and vent doors can be used with all the poultry facility, and hog barn evaporative cooling systems we offer, to bring fresh air into your building.

- ✓ **Insulated vents with injected foam core available with R-9 insulation value.**
- ✓ **Galvanized vents available with side deflectors, lock latches, and winch connections.**
- ✓ **Corrosion-resistant hinges for continuous hassle-free operation.**
- ✓ **Available in custom sizes with multiple options.**



L-40 Low Pressure Radiant Heat Brooder

Low profile, energy efficient, far reaching heat is what is provided with the L.B. White L-40 radiant brooder. This low pressure brooder has a simple design, making assembly time much quicker than other low pressure brooders. Fewer parts and connections make repair easy.

- ✓ **Low profile**
- ✓ **Plug and play versatility**
- ✓ **Easy to assemble**
- ✓ **Withstands harsh conditions**
- ✓ **Wide, consistent area**



H-40 High Pressure Radiant Heat Brooder

Low profile, energy efficient, far reaching heat is what is provided with the L.B. White H-40 radiant brooder. This high pressure brooder has a simple design, making assembly time much quicker than other high pressure brooders. Fewer parts and connections make repair and cleaning easy.

- ✓ **Cost effective plumbing**
- ✓ **Filter-free**
- ✓ **Easy to assemble**
- ✓ **Withstands harsh conditions**
- ✓ **Wide, consistent area**



I-Series High Pressure Radiant Heat Brooder

Improve animal welfare, production, and profitability in poultry houses with the patented high pressure radiant chick brooder heater. This radiant heat poultry brooder leads the industry in heat efficiency, range of heat outputs, flexible installation and proven reliability.

Our poultry brooder heater provides a more consistent heat pattern than other brooder heaters for poultry production. As a result, birds remain warm and grow at a faster rate. Poultry growers around the world rely on the L.B. White radiant heat chick brooder for all poultry production phases, including: breeding, laying, and bird-meat production.

- ✓ **Larger, more consistent comfort zone**
- ✓ **Lower fuel costs**
- ✓ **More heat to the ground**
- ✓ **Wide range of heat output and configurations**
- ✓ **Easy to install and maintain**



Guardian® 2.0 Forced Air Heaters

The direct-fired L.B. White Guardian® is designed to protect poultry growers' investments when the weather turns cold. Guardian® poultry complex heaters and pullet house heaters provide consistent, dependable heat that helps control poultry building temperature.

- ✓ 250,000 and 325,000 Btu/h
- ✓ Propane and natural gas configurations
- ✓ Spark, hot surface or pilot light ignitions
- ✓ Manually adjustable variable rate valve or fixed rate heat output
- ✓ Advanced Service Saver
- ✓ Indoor or outdoor installation
- ✓ Smart Sense® auto modulating heat available



Box Fans

Our box fans are available in 36" and 48" diameters with direct drive and belt drive options. The strong galvanized housing will make install easy and provide worry free operation for years. With CFM's ranging from 11,000 to 19,000+, we're sure to have the right solution for you.

- ✓ Heavy gauge G90 galvanized construction
- ✓ Optional discharge shutter or screen.
- ✓ Shutters are counterweighted to reduce opening pressure.
- ✓ Available in 50Hz and 3 Phase.
- ✓ Dust tight TEAO motors.



PC-31 Portable Evaporative Cooler

Our portable evaporative cooler is a compact, powerful, and economical option for any space that needs instant cooling. Capable of cooling an area of 950 sq. ft. with a refreshing 3100 CFM air throw.

- ✓ Automatic pump shut-offs prevents pump burnout when water runs out
- ✓ Operates from standard circuits with low amp draw and safe GFCI connection
- ✓ Digital control panel with option to adjust with remote.
- ✓ Quiet operation at less than 60 dB
- ✓ High airflow with Air Swing Delivery System™ that moves cooled air 30+ feet
- ✓ Flexible with louvers that allow airflow to be adjusted up or down
- ✓ Easy to move lightweight design and four, lockable caster wheels
- ✓ Standard garden hose water tank connection
- ✓ Durable UV protected, polypropylene case



Basket Fans

Basket fans help growers increase their energy savings by offering year-round air circulation. With the longest air throw in the industry, we continue to blow the competition away. Available in 20" and 24" diameters.

- ✓ Wider spacing on guards for high efficiency, quiet operation.
- ✓ Deep guard design provides safety.
- ✓ Longest distance air throw in the industry.
- ✓ Dust tight TEAO motors.
- ✓ Industrial grade aluminum blade.
- ✓ White powder coating over zinc plating for added rust protection.
- ✓ 12" and 20" fans available

Stir Fans

Our stir fans are a reliable and affordable option for any new poultry house or one that's in need of a retrofit. Available in three standard sizes and wide spaced guards to prevent feather and dust buildup. The powder coated blades are ready to stand up to any harsh litter treatments.

- ✓ High efficiency, quiet operation.
- ✓ Dust tight TEAO motors.
- ✓ Wide spacing on guards prevents feather and dust buildup and clogging.*
- ✓ Industrial grade aluminum blade.
- ✓ Powder coated blades for maximum protection



Fan Controllers

The Phason fan controller works with fans in hog, dairy, poultry, greenhouse and industrial buildings.

- ✓ Adjustable High/Low settings
- ✓ Can also be used as a light dimmer for brooder heat lamps.
- ✓ Rugged NEMA4X ABS plastic enclosure is water, corrosion, and fire resistant
- ✓ Will control 6 to 8 20" fans or 3 24" fans.
- ✓ 12.5 Amps @ 120/230.

