

INFRA RED BROODERS

LOW COST • RADIANT HEAT • SAFE

Ideally suited for warming Pigs, Chicks, Lambs or Calves

"HLC" series heat lamps are designed to provide a pleasant radiant heat that warms pigs, chicks, lambs or calves. Both series are designed for use with a maximum 250 watt brooder bulb and are compatible with energy efficient 175 watt Par 38 halogen bulbs (bulbs are not supplied).

All Canarm heat lamps have vented reflectors and a strong, easy to open wire guard. They also feature porcelain sockets with a plated copper screw shell for longer life & resistance to bulb damage. All units come with a heavy, grounded 3 wire cord set and are either CSA (HLC-P, HLC, HLC-S) or cULus (HLC-A) approved specifically for use as a brooder in an agricultural environment.

The HLC-S model has an energy saving High/Low/Off switch, which lets producers adjust the heat output of the bulb, while reducing energy costs by 50%.



HLC-P

FEATURES

- Strong vented steel reflector is white epoxy coated for improved corrosion resistance and longer life.
- Heavy gauge plated wire guard.
- 8 foot grounded cord.
- Packaged in "master packs" of 10 units.

Model	Reflector Diameter	Reflector Depth	Quantity Master Pack	Voltage	High/Low/Off Switch	Cord Length	Maximum Bulb Capacity
HLC-P	10"	4"	10	115	No	8'	250 Watts

HLC & HLC-S

FEATURES

- Strong, triple corrosion protected steel cap and reflector
- Metal reflector and cap are pre-treated, zinc coated, then epoxy painted with a reflective silver colour to prevent corrosion and improve heating.
- Reflector is designed deeper for improved bulb protection.
- Strong, plated wire guard provides excellent bulb protection and is pinned to hinge open for easy bulb replacement.
- Push button switch is conveniently located on the side of the unit and is totally sealed for long life.
- HLC-S model comes with energy saving High/Low/Off switch.
- 10 foot grounded cord.
- Packaged in "master packs" of 10 units



Conveniently located sealed switch



HLC-S



HLC



Model	Reflector Diameter	Reflector Depth	Quantity Master Pack	Voltage	High/Low/Off Switch	Cord Length	Maximum Bulb Capacity
HLC	11"	6"	10	115	No	10'	250 Watts
HLC-S	11"	6"	10	115	Yes	10'	250 Watts

HLC-A

FEATURES

- Light duty aluminum shield.
- 6 foot cord with polarized plug
- Multi-directional clamp included
- Heavy gauge plated wire guard
- Packaged in "master packs" of 12 units.



Model	Reflector Diameter	Reflector Depth	Quantity Master Pack	Voltage	High/Low/Off Switch	Cord Length	Maximum Bulb Capacity
HLC-A	10.5"	5"	12	115	No	6'	250 Watts



STANDARD HARD GLASS PAR38

FEATURES

- Available in 100W and 150W Red or 100W and 175W Clear
- Durable hard glass face
- Long lasting European base (E26)
- 5000 hour rating

MODEL	STYLE	WATTAGE	COLOUR	QUANTITY IN MASTER PACK	HOUR RATING
B-HLPAR38C100W	PAR38 HARD	100	CLEAR	24	5000
B-HLPAR38C175W	PAR38 HARD	175	CLEAR	24	5000
B-HLPAR38R100W	PAR38 HARD	100	RED	24	5000
B-HLPAR38R150W	PAR38 HARD	150	RED	24	5000

SOFT GLASS R40

FEATURES

- Available in Red or Clear
- 250W
- 5000 hour rating

MODEL	STYLE	WATTAGE	COLOUR	QUANTITY IN MASTER PACK	HOUR RATING
B-HLR40C250W	R40 SOFT	250	CLEAR	24	5000
B-HLR40R250W	R40 SOFT	250	RED	24	5000



SP SOFT GLASS PAR38

FEATURES

- Available in 100W Red only
- Hybrid between Standard Par38 and R40 styles
- Durability of the Standard Par38
- Lightweight like the R40
- Prolongs the life of your heat lamp

MODEL	STYLE	WATTAGE	COLOUR	QUANTITY IN MASTER PACK	HOUR RATING
B-HLSP38R100W	PAR38 SOFT	100	RED	24	5000

SOLO

SOLO HEAT LAMP CONTROL

EASY TO USE AND TO PROGRAM | HIGH QUALITY, USER-FRIENDLY DESIGN
COST EFFECTIVE | EASY TO INSTALL

The Solo CC02 is an effective solution to control your heat lamps. The control is designed to provide significant savings on energy costs while minimizing losses due to poorly regulated supplemental heat which can have a serious impact on livestock health.

FEATURES

- Two variable outputs, 1500 W (120V per output)
- Operates two independent groups of equipment.
- Temperatures displayed in Fahrenheit or Celsius
- Memory protection in the event of a power failure
- Alarm contact (NO/NC) in case of power failure, min/max temperatures or fault in operation
- True bypass switches
- Overload protection on the output



- Status-indicator lights
- Clear LCD display with backlight
- Easy-to-use function keys
- True Bypass Switches

INCLUDED FUNCTIONS

Temperature control: Automatically adjusts the power to lamps from 0 to 100% to compensate for fluctuations in room temperature.

Temperature ramping: Automatically decreases temperature as pigs get older.

Soft Start: Slowly restores power after an outage to reduce peak demand on power utility or on a backup generator.

TECHNICAL DATA

SUPPLY	
Main supply / frequency	85-250V, 50/60 Hz

MECHANICAL	
Dimensions	8.7" x 10.6" x 5.5" (u-1)

COMMUNICATION	
Protocol	Modbus
Interface	RS-485

INPUTS	
Temperature Inputs	10k @ 77°F (25°C), NTC

OUTPUTS	
1 X Alarm Relay	SPDT (1 Form C) 3A @ 24 VDC (resistive) 3A @ 240 VAC (resistive)
2 X TRIAC Outputs	15 A @ 240 VAC (resistive)



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