

Simple/Reliable/Green/Efficient

大牧人
Big Herdsman



BH PIGLET SMART HEATING SYSTEM

Infrared radiation heating technology
creates a uniformly warm environment,
improving piglet comfort.



WEBSITE

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PIG PRODUCTION

BH Piglet Smart Heating System



Technical Description

- Infrared radiation heating provides uniform warmth, improving piglet comfort.
- Multiple heating modes with automatic temperature curve adjustment.
- Wireless communication and remote data management for efficient and centralized operations.
- Long service life with excellent safety performance, suitable for farrowing and nursery barns.
- Flame retardant:UL94-V2, protection grade:IP66.



Auto/Internet+



Product Parameters

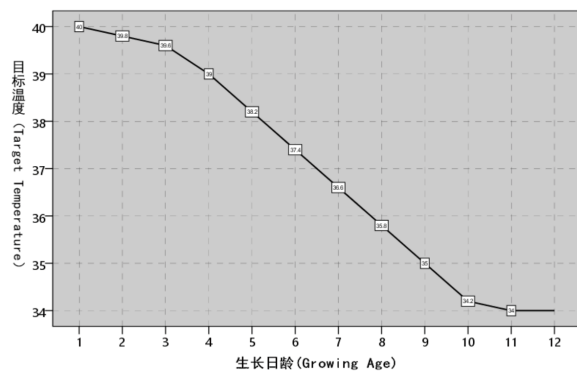
Technical Parameter		Caution
Rated voltage	AC220V/50HZ	High pressure flushing distance shall not be less than 1m
Rated power	175w	Prohibit touching heat tube directly with hand.
Rated life	50000h	Prohibit operating with electricity.
Protection grade	IP66	Non-specialized person is not allowed to open the product.



Automatic Setting Of Temperature Curve, The Data Is Networked, Centrally Controlled.

	平均日龄	平均温度	标准水平	平均功率	当日耗电	周耗电	运行数量	报警信息
P10猪舍								
P1-01	4	26.5°C	0.98	75%	1.4	36.5	56	
P1-02	4	26.5°C	0.95	75%	6.8	36.5	56	
P1-03	6	25.1°C	0.95	68%	2.3	38.2	56	
P1-04	8	23.9°C	0.94	65%	2.6	37.2	56	
P1-05	8	23.9°C	0.92	65%	3.1	39.2	56	
P1-06	5	25.8°C	0.98	71%	3.5	36.5	56	
P1-07	6	25.1°C	0.96	68%	3.9	40.2	56	
P1-08	7	24.4°C	0.96	66%	4.2	35.5	56	
P1-09	1	28.0°C	0.95	83%	4.3	36.5	56	
P1-10	2	27.3°C	0.94	75%	4.5	32.1	56	
N1猪舍								
N1-01	4	26.5°C	0.92	65%	2.0	33.1	56	
N1-02	5	25.8°C	0.91	72%	8.9	30.2	56	
N1-03	2	27.3°C	0.92	80%	2.3	36.5	56	
N1-04	6	25.1°C	0.93	66%	2.8	34.2	56	
N1-05	7	24.4°C	0.96	62%	4.5	35.2	56	

Remote management system

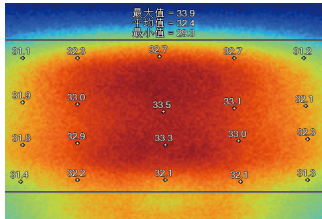


Standard temperature curve

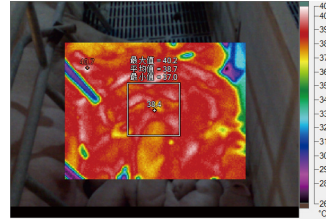
Long-period mode and short-period mode is both available for iheat. Temp controller will adjust the heater as per the feedback from the sensor This can realize auto running as per target temp curve

BH Piglet Smart Heating System

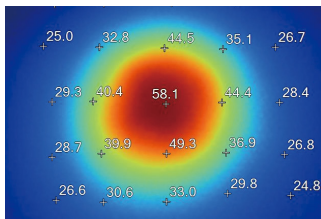
The Effective Radiation Area Is Close To 3 Times Of The Traditional Ones, More Uniform Temperature Which Improves The Comfort Of Piglets.



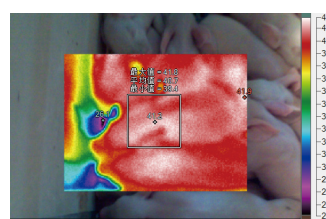
Effective heating area: 0.4m²;
Temperature difference: within 3°C;



Highest surface temperature : 40.2°C
Average surface temperature: 38.7°C



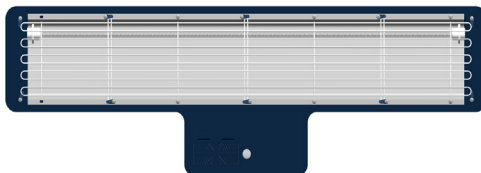
Traditional heat lamp:
Effective heating area: 0.15m²;
Temperature difference: 25°C;



Traditional heat lamp:
Highest surface temperature: 41.8°C
Average surface temperature: 40.2°C

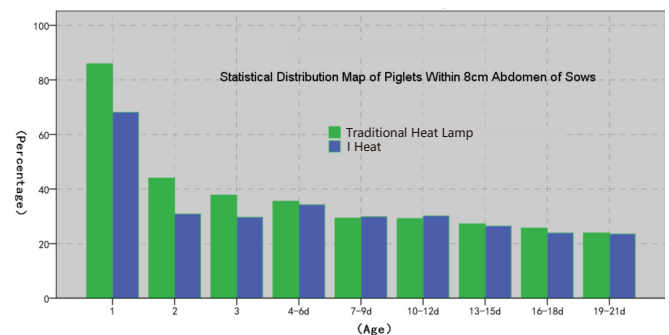
tion: the height of the PVC plate is 500mm,
ubber surface when heating become stable. (measure area: 0.4m²)

Long Service Life,It's Lifetime Is 4 Times Of The Traditional Heat Lamp

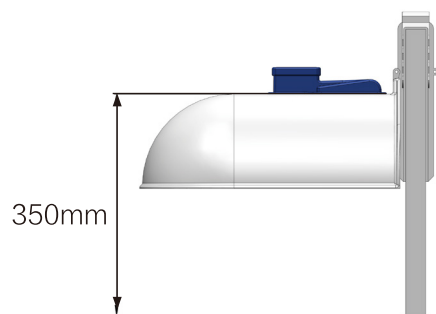


AC450V Voltage Withstand Test

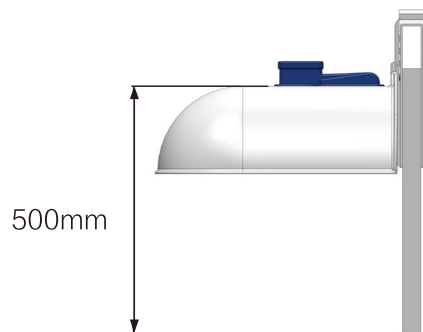
Reduce The Mortality Rate Of Piglets Due To Lying Of Sow, The Survival Rate Is 2% Bigger.



Technical Description



Heating is critical for piglets at the first 3 days. Best heat position 350mm above floor level. This will help with fast dry of placenta mucus on piglets and reduce the heat loss of newborn piglets.



The height should be adjusted to 500mm after 3 days, and the heating curve would be adjusted as per the age and room temperature.

Product Parameters

Name	Traditional Heat Lamp	Manual	Auto	Internet+
Rated power	175w	175w	175w	175w
Effective area	0.15 m ²	0.4 m ²	0.4 m ²	0.4 m ²
Temperature difference	>20℃	<3℃	<3℃	<3℃
Radiation mode	Glowing	No Glowing	No Glowing	No Glowing
Temperature adjusting	Hi-Low Level	Hi-Low Level	Intelligent Curve	Intelligent Curve
Lifetime	5000h	50000h	50000h	50000h
Intelligent networking	N	N	N	Y
Protection level	IPX4	IP66	IP66	IP66

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