

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.



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     **BIGHERDSMAN** 

***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

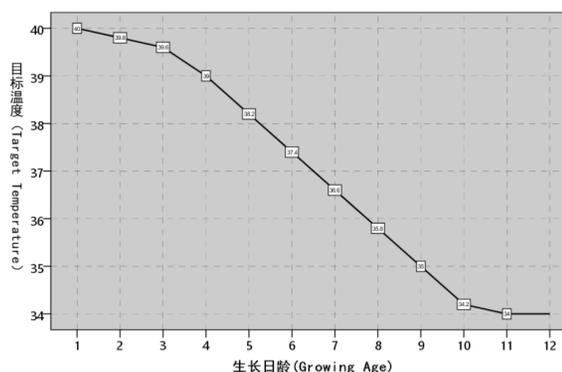
Technical Parameter		Caution
Rated voltage	AC220V/50HZ	High pressure flushing distance shall not be less than 1m
Rated power	175w	Prohibit touching heat tube directly with hand.
Rated life	50000h	Prohibit operating with electricity.
Protection grade	IP66	Non-specialized person is not allowed to open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



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

Unit	平均日龄	平均温度	水温水平	平均功率	当日耗电	周耗电	运行数量	报警信息
<b>F1母猪舍</b>								
F1-01	4	26.5°C	0.98	75%	1.4	36.5	56	
F1-02	4	26.5°C	0.95	75%	6.8	36.5	56	
F1-03	6	25.1°C	0.95	68%	2.3	38.2	56	
F1-04	8	23.9°C	0.94	65%	2.6	37.2	56	
F1-05	8	23.9°C	0.92	65%	3.1	39.2	56	
F1-06	5	25.8°C	0.98	71%	3.5	36.5	56	
F1-07	6	25.1°C	0.96	68%	3.9	40.2	56	
F1-08	7	24.4°C	0.96	66%	4.2	35.5	56	
F1-09	1	28.0°C	0.95	83%	4.3	36.5	56	
F1-10	2	27.3°C	0.94	75%	4.5	32.1	56	
<b>N1保育舍</b>								
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	36.2	56	

Remote management system

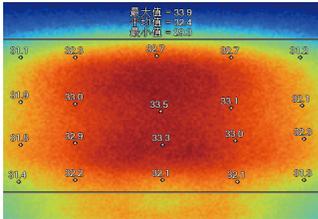


Standard temperature curve

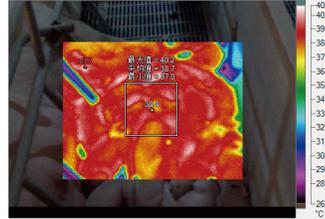
Long-period mode and short-period mode is both available for iheat. Temp controller will adjust the heater as per the feedback from the sensor This can realize auto running as per target temp curve

# BH Piglet Smart Heating System

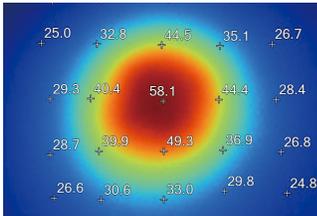
The Effective Radiation Area Is Close To 3 Times Of The Traditional Ones, More Uniform Temperature Which Improves The Comfort Of Piglets.



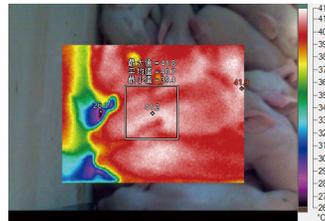
Effective heating area: 0.4m<sup>2</sup> ;  
Temperature difference: within 3°C ;



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



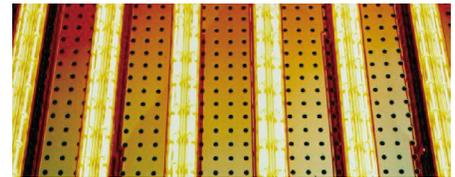
Traditional heat lamp :  
Effective heating area: 0.15m<sup>2</sup> ;  
Temperature difference: 25°C ;



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

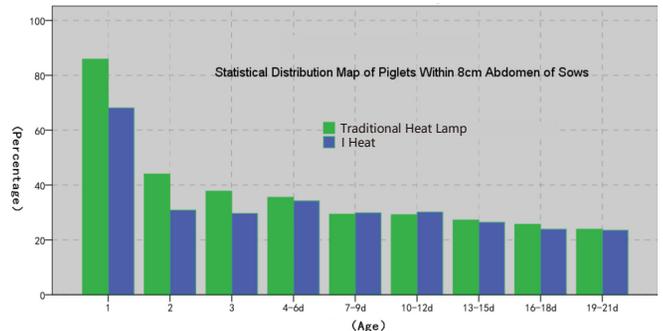
tion: the height of the PVC plate is 500mm, rubber surface when heating become stable. (measure area: 0.4m<sup>2</sup> )

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

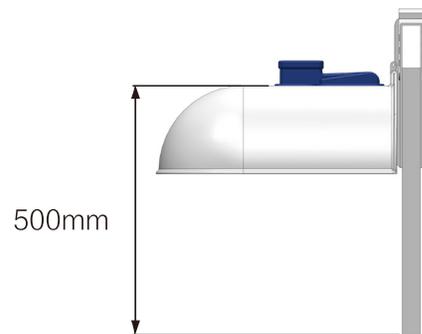
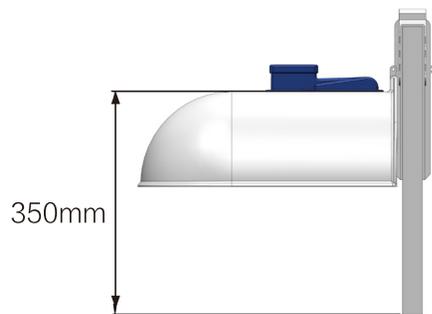


AC450V Voltage Withstand Test

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 <sup>2</sup>	0.4 m <sup>2</sup>	0.4 m <sup>2</sup>	0.4 m <sup>2</sup>
Temperature difference	>20°C	<3°C	<3°C	<3°C
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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