Simple/Reliable/Green/Efficient



ENVIRONMENTAL CONTROLLERS

It is suitable for large-scale breeding of broiler and breeders such as white feather broilers, 817 broilers, yellow-hair chickens, and adjusts and controls environmental parameters such as temperature and humidity automatically in the breeding house.



WEBSITE





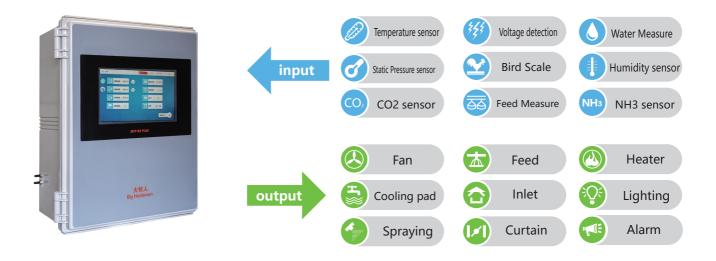






ENVIRONMENTAL CONTROLLERS

BH9100 PLUS Controller



- Collects data from up to 13 temperature sensors, 1 humidity sensor, 1 negative pressure sensor, 1 CO2 sensor, and 1 NH3 sensor, delivering rich, high-precision data.
- Built-in specialized curves for broiler temperature, weight, ventilation, etc., enabling fully automatic real-time control with no extra settings required.
- Up to 36 ventilation levels and 26 fan groups for precise airflow management.
- Supports 9 independently controlled air inlets, auto-adjusting their opening degree.
- 5 heating zones for precise heat control in different areas of the poultry house.
- Automatically manages lighting duration and intensity, supports variable-frequency fans with adjustable speed and run time, and includes a lights-off temperature compensation function.
- Capable of controlling two sets of cooling devices; pumps on gable walls and sidewalls can be independently operated.
- Unique humidity-heat compensation function automatically links temperature, humidity, and ventilation rates.
- Equipped with a 10-inch industrial touch screen, featuring a 3D interface display and 50 dry-contact outputs for reliable operation and user-friendly functionality.
- Connects to an intelligent gateway and cloud server, enabling multi-terminal real-time data sharing and remote, "cloud-based" farming.

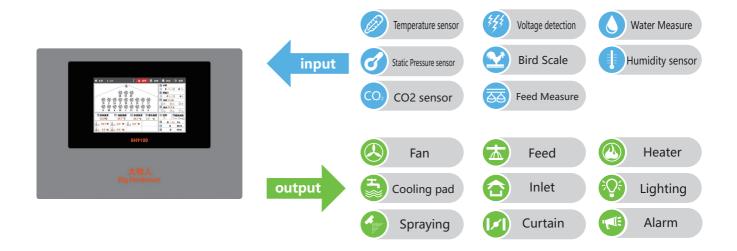


Cooling mode	Automatic adjustment 44.0 °C		Refrigeration humidity setting	10	100 %RH	
Cooling I startup temperature			Starting temperature for retrigeration 2	44.0°C		
Cooling 1 start time	1.00	60s	Cooling 2 start time	1.00	60 s	
Cooling 1 shutdown time	5.00	300s	Cooling 2 shutdown time	5.00	300 s	
Cooling 1 activation time	8.00		Cooling 2 activation time	10.00		
Cooling 1 shutdown time	20.00		Cooling 2 shutdown time	16.00		
Minimum proportion	5%		Minimum Time	155		
maximum ratio	60%		Maximum time	18	1805	
Cooling temperature difference zone	3.0°C		Time per degree temperature difference	558		
netrigeration cycle	5.00		cycle	300S		
Current refrigeration working ratio	5%		Current cooling time	155		

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7	65		补偿有目的	42		ament	5个批例区	MMARK	0.5	
		0.11	料価温度上服	70 %		EXIMPER	0.0°C	医绒100角皮肤	0.3°C	
14	60	0.12	料值程度下限	35 %		医海外肠管温度	0.0°C	KIKIMMEN	0.3°C	
21	55	0.13	*・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・	3.0		KNAMERA	0.0°C	KNEWNERS	0.3°C	
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42	50	0.16	DESIGNATION OF THE PERSON OF T	+0.0 ℃	-					

ENVIRONMENTAL CONTROLLERS

BH9100 Controller

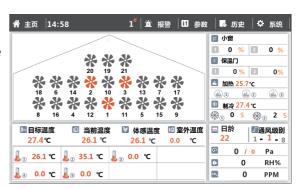


- Supports up to 9 temperature sensors, 1 humidity sensor, 1 CO2 sensor, and 1 negative pressure sensor, ensuring comprehensive and accurate data collection.
- Comes with specialized broiler temperature, weight, and ventilation curves built-in, providing a high degree of automation.
- Up to 36 ventilation levels and 24 fan groups for precise ventilation control.
- 4 independently controlled air inlets with automatic opening adjustments.
- Divided into 3 heating zones for targeted heating management.
- Controls up to 3 cooling sets, with water flow regulated by temperature differences; pumps on gable walls and sidewalls can be managed separately.
- A 7-inch industrial touch screen with 40 dry-contact outputs delivers stable and convenient operation.
- Main interface in real time shows fan status, temperature, heating, cooling, and air inlet ratios.
- Supports connection to an intelligent gateway and cloud server, allowing data sharing across multiple terminals.



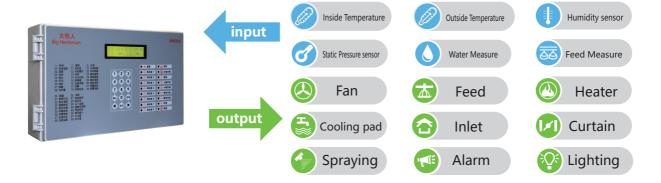






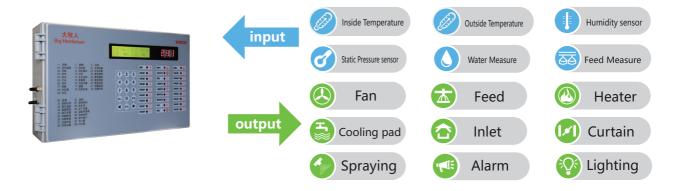


BH8218 Controller



- Supports temperature, humidity, and negative pressure data collection. Can connect up to 4 temperature sensors (including 1 outdoor) and 1 humidity sensor.
- Built-in professional broiler parameters (temperature, weight, ventilation) for fully automatic real-time control.
- Capable of controlling 8 fan groups (including 1 minimum ventilation group), 1 lighting group, 1 feed line, 1 spray group, 1 heater, 1 cooling pump (evaporative cooling), and 1 relay for alarm output.
- Automatically manages 1 set of inlet windows and 1 curtain system; includes 2 analog outputs (0-10V) for dimming lights or controlling variable-frequency fans.
- Equipped with a temperature-auto-decrease table and a minimum ventilation weight-auto-increase table.
- Connects to an intelligent gateway and cloud server for remote multi-terminal data sharing.

BH8228 Controller



- Supports temperature, humidity, and negative pressure data collection, connecting up to 7 temperature sensors (including 1 outdoor) and 1 humidity sensor.
- Built-in professional curves for broiler temperature, weight, ventilation, achieving fully automatic real-time control.
- Controls up to 16 fan groups (including 1 minimum ventilation group), 1 lighting group, 1 feed line, 1 spray group, 3 heaters, 1 cooling water pump (evaporative cooling), and 1 alarm relay; can auto-manage 2 inlet window systems and 1 curtain system; includes 2 analog outputs (0-10V).
- Features a temperature-auto-decrease table and a minimum ventilation weight-auto-increase table.
- Connects to an intelligent gateway and cloud server, enabling multi-terminal and remote data management.

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Website: www.bigherdsman.com



Simple/Reliable/Green/Efficient



BH9100 PRO CONTROLLER

An intelligent device tailored for broiler cage farming, monitoring and regulating ventilation, temperature, humidity, and other environmental parameters.



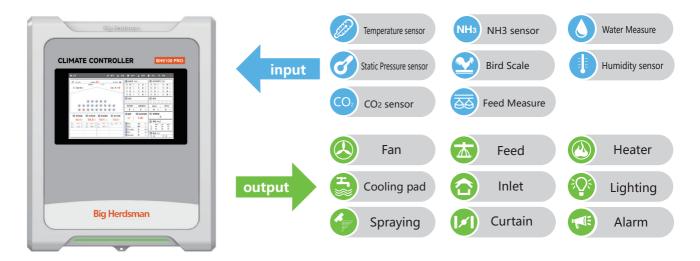
WEBSITE







Technical Description



- Supports 16 temperature, 4 humidity, 4 CO2, 4 NH3, and 2 negative pressure inputs, providing abundant, accurate data.
- Built-in specialized curves for temperature, weight, ventilation, enabling fully automatic real-time control.
- Up to 36 ventilation levels with a maximum of 50 fan groups, ensuring precision ventilation.
- Controls 16 independent inlet windows, automatically adjusting positions.
- Features 8 fixed-frequency heating zones and 4 variable-frequency heating zones, allowing precise temperature regulation.
- Manages up to 10 cooling devices, with separate control of water pumps for gable walls, sidewalls, and double walls.
- 12-inch industrial touch screen with 66 dry-contact outputs, and dual alarm outputs for enhanced safety.
- 8 fixed-speed stirring fans plus 4 variable-speed stirring fans for more uniform in-house climate.
- The main page displays real-time fan status, temperature, heating, cooling, and inlet opening ratio.
- Connects to an intelligent gateway and cloud server, providing multi-terminal, real-time data sharing for remote or cloud-based poultry management.









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