

Simple/Reliable/Green/Efficient

大牧人  
Big Herdsman



## 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

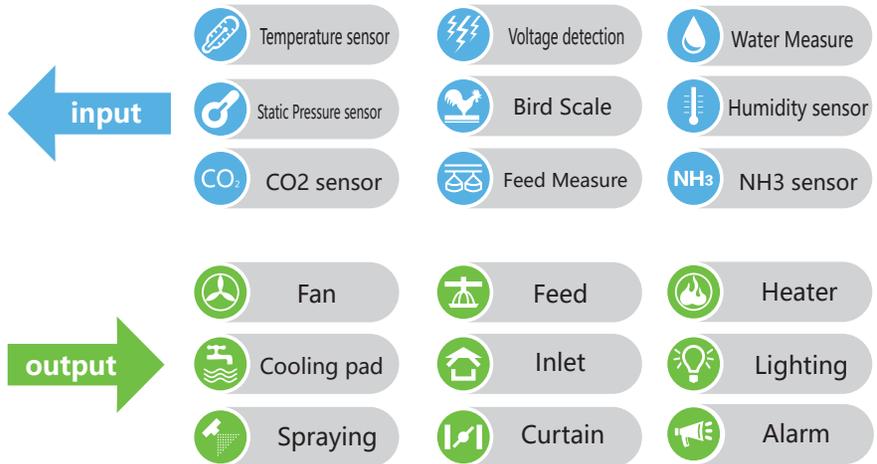
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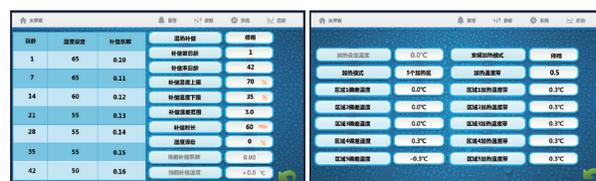
*POULTRY PRODUCTION*

# ENVIRONMENTAL CONTROLLERS

## BH9100 PLUS Controller

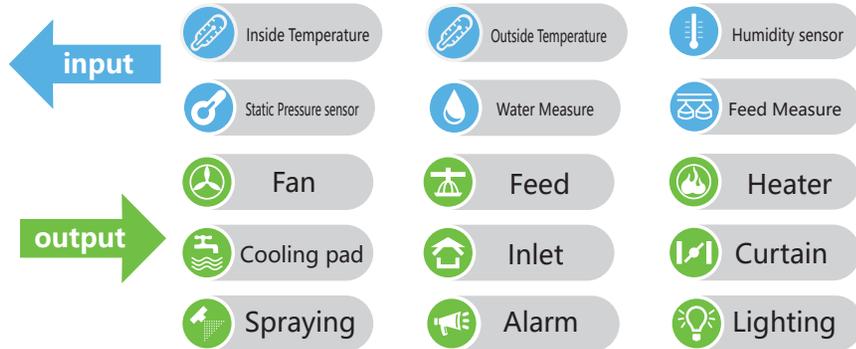


- Collects data from up to 13 temperature sensors, 1 humidity sensor, 1 negative pressure sensor, 1 CO<sub>2</sub> sensor, and 1 NH<sub>3</sub> sensor, delivering rich, high-precision data.
- Built-in specialized curves for broiler temperature, weight, ventilation, etc., enabling fully automatic real-time 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.



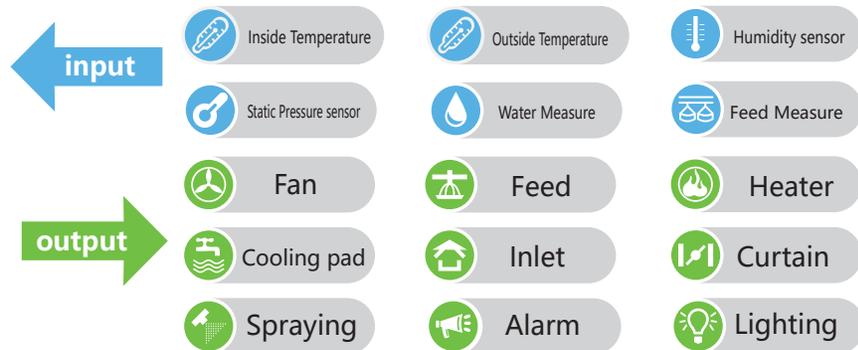


## BH8218 Controller



- 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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## BH9100 PRO CONTROLLER

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



WEBSITE

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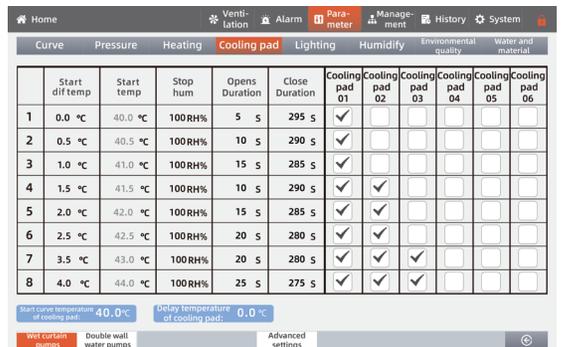
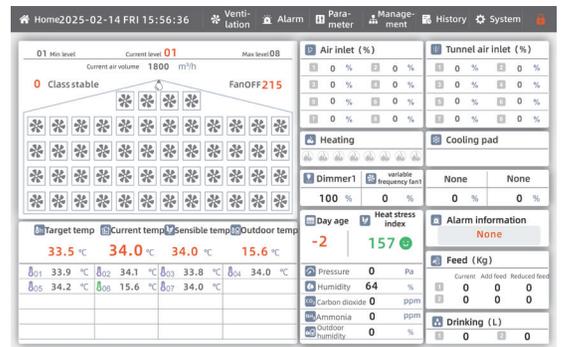
**POULTRY PRODUCTION**

# Technical Description



- Temperature sensor
- NH3 sensor
- Water Measure
- Static Pressure sensor
- Bird Scale
- Humidity sensor
- CO2 sensor
- Feed Measure
- Fan
- Feed
- Heater
- Cooling pad
- Inlet
- Lighting
- Spraying
- Curtain
- Alarm

- 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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